



REQUEST FOR PROPOSAL

For

**CONSTRUCTION OF RAINWATER HARVESTING SYSTEM AT
VARIOUS LOCATIONS INCLUDING WITH A DEFECT LIABILITY
PERIOD OF ONE YEARS**

IN FARIDABAD CITY

Under

SMART CITY MISSION (SCM)

in

**FARIDABAD CITY
(HARYANA, INDIA)**

Ref No : FSCL/2017/288

Issued on 23/12/2017

DNIT Amount: - Rs. 90.35 Lacs.

Employer: Faridabad Smart City Limited
BK Chowk, NIT Faridabad,
Haryana. 121001.
Email : faridabadsmartcitylimited@gmail.com

DISCLAIMER

The information contained in this Request for Proposal document (“RFP”) or subsequently provided to bidders, verbally or in documentary or any other form by or on behalf of the Faridabad Smart City Limited (here forth referred to as FSCL in this document) or any of its employees or advisers, is provided to bidders on the terms and conditions set out in this RFP and such other terms and conditions subject to which such information is provided.

This RFP is not an agreement and is not an invitation by the Employer to the prospective Consultants or any other person. The purpose of this RFP is to provide interested bidders with information that may be useful to them in the formulation of their Proposals pursuant to this RFP. This RFP includes statements, which reflect various assumptions and assessments arrived at by the Employer in relation to the Consultancy. Such assumptions, assessments and statements do not purport to contain all the information that each bidder may require. This RFP may not be appropriate for all persons, and it is not possible for the Employer, its employees or advisers to consider the objectives, technical expertise and particular needs of each party who reads or uses this RFP. The assumptions, assessments, statements and information contained in this RFP, may not be complete, accurate, adequate or correct. Each bidder should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments and information contained in this RFP and obtain independent advice from appropriate sources.

Information provided in this RFP to the bidder (consultant/contractor/developer/Manufacturer/Supplier etc) is on a wide range of matters, some of which depends upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Employer accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on the law expressed herein.

The FSCL and its employees and advisers make no representation or warranty and shall have no liability to any person including any bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this RFP or otherwise, including the accuracy, adequacy, correctness, reliability or completeness of the RFP and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in any way in this Selection Process.

The FSCL also accepts no liability of any nature whether resulting from negligence or otherwise however caused arising from reliance of any bidder upon the statements contained in this RFP.

The FSCL may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumption contained in this RFP.

The issue of this RFP does not imply that the Employer is bound to select a bidder or to appoint the selected bidder, as the case may be, for the Consultancy and the FSCL reserves the right to reject all or any of the Proposals without assigning any reasons whatsoever.

The bidder shall bear all its costs associated with or relating to the preparation and submission of its Proposal including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the FSCL or any other costs incurred in connection with or relating to its Proposal. All such costs and expenses will remain with the bidder and the FSCL shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a bidder in preparation or submission of the Proposal, regardless of the conduct or outcome of the Selection Process.

Sd/
Chief Executive Officer
Faridabad Smart City Limited

TENDER DOCUMENT FOR THE WORK OF

Name of the Work: Construction of Rainwater Harvesting System at Various Locations in Faridabad City including with a Defect Liability Period of One Year.

**INSTRUCTIONS TO BIDDERS
AND
QUALIFICATION INFORMATION**

“FORM-B”

NIT NO: Dated 23.12.2017

OFFICE OF THE FARIDABAD SMART CITY LIMITED

No. FSCL/2017/288

DATED: - 23/12/2017

E-TENDER NOTICE

Faridabad Smart City Limited (FSCL) invites online tenders for the work mentioned below:-

Sr. No	T No	Name of Work	Estimated Cost of Works	EMD to be deposited by bidder (Rs.)	Tender Document Fee Plus Service Fee in INR	Bid Release time and Date	Last date for online Submission of bids	Tender Open Date
1	67872	Construction of Rainwater Harvesting System at Various Locations in Faridabad City including with a Defect Liability Period of One year.	90.35 Lakhs	1.81 Lakhs	1000+1000	23/12/2017 @17:30 hrs	16/01/2018 @17:30 hrs	19/01/2018 @11:00Hrs

1. Tender will be opened on 19/01/2018 @11:00 Hrs
2. The detail tender notice and Tender Document can be seen on website: <https://haryanaeprocurement.gov.in> and downloaded online from the Portal: <https://haryanaeprocurement.gov.in> by the Firms / Individual registered on the Portal.
3. Possession of Digital Signature Certificate (DSC) and registration of the contractors on the portal i.e. <http://haryanaeprocurement.gov.in> is a prerequisite for e-tendering.
4. For any other queries, please contact Deputy General Manager, Faridabad Smart City Limited, Faridabad phone no. 91-129-2410086. For further details and e-tendering schedule, visit website <https://haryanaeprocurement.gov.in/>
5. As the Bids are to be submitted online and are required to be encrypted and digitally signed, the Bidders are advised to obtain Digital Signature Certificate (DSC) at the earliest. For obtaining Digital Certificate, the Bidders should follow Section 1. Letter of Invitation-“General Terms and Conditions for e tendering ”.

Deputy General Manager
Faridabad Smart City Limited
Faridabad

**Chief Executive Officer
Faridabad Smart City Limited**

Faridabad [Haryana]

Name of the work	:	Construction of Rainwater Harvesting System at Various Locations in Faridabad City including with a Defect Liability Period of One Year.
Probable Amt. of Contract	:	90.35 Lacs
Amount of earnest money	:	1.81 Lacs (EMD to be submitted Online payment using Net Banking/RTGS/NEFT/. The receipt shall be submitted along with the Technical Proposal (Envelope A) as per the time and location specified in the Data Sheet.
Application Processing Fee (Payable to FSCL online)	:	1,000 + 1000 (Non Refundable). Document can be downloaded from the web site https://haryanaeprocurement.gov.in
Time allowed for completion of work	:	6 (Six) Months including rainy season.
Date of Tender Release (Online)	:	From 5:30 PM on 23.12.2017
Last Date of ONLINE Bid Submission	:	Up to 05:30 PM on 16.01.2018
Last date of Physical Document Submission (Envelope 'A' & 'B')	:	UP TO 4:00 PM ON Date: 18.01.2018
Date of opening of Envelope 'A' & 'B' of tender document	:	Date:19.01.2018 @ 11.00 AM onwards at Office of The Chief Executive Officer, Faridabad Smart City Limited.
Online Financial Bid (Envelope C) opening.	:	To be intimated later.
Type of Bidder	:	Eligible bidders meeting the eligibility criteria laid down in RFP
Type of Tender	:	Open
Vender Class	:	Other
Type of contract	:	Unit Rate Contract
Engineer-in charge	:	Any Officer of the rank not below than Deputy General Manager Appointed by CEO, Faridabad Smart City Limited
Bid Validity Period	:	180 days

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SECTION 1: INVITATION FOR TENDERS [IFT]

Faridabad Smart City Limited (FSCL) invites **Unit Rate tenders in “Form B”** from eligible bidders under the Pre-qualification Criteria as detailed in the tender Document. The tender documents can be downloaded from <https://haryanaeprocurement.gov.in> from 23.12.2017, 5.30PM onwards. The last date of tender online submission is on 16.01.2018 up to 5: 30 PM.

A. Work Details:

Sr. No.	Name of Construction Work	Completion period	Amount of EMD	Cost of tender document (Transaction Fee)
1.	Construction of Rainwater Harvesting System at Various Locations in Faridabad City including with a Defect Liability Period of One Year.	6 (Six) Months including rainy season	1.81 Lacs	<input type="checkbox"/> 1,000/- + <input type="checkbox"/> 1000/- as online bid submission fee

B. Key Dates:

Sr. No	Stages	Start Date and Time
1	Online Tender Release	23.12.2017 @5:30 PM
2	Pre Bid Meeting at FSCL Office	03.01.2018 @ 12.00 PM
3	Last Date for Receipt of Queries through e-mail	06.01.2018 @ 5.30 PM
4	Last Date of Online Bid Submission	16.01.2018 @5:30 PM
5	Last Date of Physical document submission at FSCL office	18.01.2018 @4:00 PM
6	Date & time of Opening of Envelope A & B at FSCL office	19.01.2018 @11:00 AM
7	Online financial bid opening	To be intimated later

- The proposal is available online on <https://haryanaeprocurement.gov.in> from **23/12/2017 (17:30 hrs onward) to 16/01/2018 (up to 17:30 hrs)** for a non-refundable fee as indicated in the Data Sheet as scheduled in General Terms and Condition for E-tendering. Bidders will be required to register on the website, which is free of cost. The bidders would be responsible for ensuring that any addenda available on the website is also downloaded and incorporated.
- For submission of the bid, the bidder is required to have Digital Signature Certificate (DSC). Possession of Digital Signature Certificate (DSC) and registration of the contractors on the portal i.e. <https://haryanaeprocurement.gov.in> is a prerequisite for e-tendering.
- Proposal must be submitted online on <https://haryanaeprocurement.gov.in> on or before **17.30 hours on 16/01/2018** and the “Technical proposal” will be **opened online on the 19/01/2018 at 11:00 AM**. The “Financial proposal” shall remain unopened in the e-procurement system until the second public Bid opening for the financial proposal. Any proposal or modifications to proposal received outside e-procurement system will not be considered. If the office happens to be closed on the date of opening of the Proposal as specified, the Proposal will be opened on the next working day at the same time. The electronic bidding system would not allow any late submission of Proposal.
- The bidder shall also submit the Technical proposal in hard bound.
- For any other queries, please contact Deputy General Manager, Faridabad Smart City Limited, Faridabad phone no. 91-129-2410086
- For further details and e-tendering schedule, visit website <https://haryanaeprocurement.gov.in>.

Yours sincerely,

Address: Faridabad Smart City Limited,
 BK Chowk, NIT
 Faridabad,
 Haryana. 121001.
 Ph No: 0129 2410086
Email: faridabadsmartcitylimited@gmail.com

Terms & Conditions:

1. Pre-qualification Criteria:

- a. All Contractors/ Bidders shall provide the requisite information accurately and with sufficient details as required in **Section-3: Qualification information**. The bid is open to all Bidders who fulfill the criteria laid down in the NIT.
- b. **Joint venture or consortium of Bidders is NOT permitted.**
- c. To become eligible, each bidder must satisfy the following:
 - i. Achieved during the last Three (3) financial years (2016-17, 2015-16, 2014-15 and), an average annual financial turnover of at least ₹ 27.50 Lakhs.
 - ii. Satisfactorily completed similar works during last 5 years as per criteria mentioned below:
 - a. Satisfactorily completed at least one similar work of value not less than ₹ 72.28 Lakhs as on date of submission of financial offer, **OR**
 - b. Satisfactorily completed at least two similar works each of a value not less than ₹ 54.21 Lakhs as on date of submission of financial offer, **OR**
 - c. Satisfactorily completed at least three similar works each of a value not less than ₹ 36.14 Lakhs as on date of submission of financial offer.

Necessary supporting documents duly signed under seal, by a Chartered Accountant in original shall be enclosed while submitting the bid.

- d. Note:
 - i. The turnover shall be indexed at the compounded rate of 10 % (Ten percent) for each earlier year.
 - ii. The value of completed work shall be updated to the value of current financial year @ compounded rate of 10 % (Ten percent).
 - iii. Similar works means Construction of Rain Water Harvesting System/civil works.
 - iv. Proof of having successfully completed similar works must be submitted in the form of a completion certificate issued by an officer not below the rank of Deputy General Manager. This certificate must be in the format appearing in Annexure 4.
 - v. The indexing factors for updating the value of works completed in previous years to the current financial year are mentioned as below:

Financial Year	Indexing Factor
FY 2016-2017	1.0
FY 2015-2016	1.1
FY 2014-2015	1.21
FY 2013-2014	1.33
FY 2012-2013	1.46
FY 2011-2012	1.61

- e. In addition to the pre-qualification criteria mentioned above, the following criteria shall also be satisfied for eligibility of the Bidder:
 - f. It is necessary that the bidder should have executed the above work as either main Bidder.
 - g. The bidder should not have incurred any loss in more than three years during the last five consecutive financial years. **A certificate to this effect from a Chartered Accountant shall be provided with Technical bid.**
 - h. Bidders should submit all requisite and necessary details/documents with respect to the eligibility criteria. The said details to be submitted in prescribed forms appended with this tender document. The details of the requisite forms are as under:

- | | |
|----------------------------------------------------------------------------|-------------|
| i. Qualification Information | Annexure- 1 |
| ii. Income Tax return for last 5 (Five) years | Annexure-2 |
| iii. Details of Similar Works executed | Annexure-3 |
| iv. Details of All works executed during last 5 (Five) years | Annexure-4 |
| v. Existing commitments and on-going works | Annexure-5 |
| vi. Information regarding current claims, arbitration & litigation, if any | Annexure-6 |
| vii. Affidavit of having provided all correct information | Annexure-7 |

Note: All aforesaid Annexure must bear the seal and signature of the Bidder or a duly authorized person.

2. Bidder must ensure providing complete information in Annexures mentioned above along with their signatures [under seal] wherever required, before submission of tender.
3. Each Bidder must enclose
 - a) Certified Copies of Income Tax Returns for the last 5 (Five) years duly audited by Chartered Accountant including his audit report. CA shall certify the true copy in original.
 - b) Turnover certificate of Last 5 Years certified by Chartered Accountant in Original.
 - c) An affidavit that all the information furnished with the pre-qualification document is correct in all respects (Draft format of Affidavit is provided in the tender document).
4. Bidder who meets the minimum qualification criteria will be qualified only if their available bid capacity for construction work is equal to or more than the probable amount of contract. The available bid capacity will be calculated as under:
Assessed Available Bid capacity = $(A*N*M - B)$
Where,
A = Maximum value of all works executed in “ any one financial year” during the last Five years [updated to the price level at the current financial year at the compounded rate of 10% (Ten per cent) a year taking into account the completed as well as work in progress]. This has to be certified by a Chartered Accountant.
N = Number of years prescribed for completion of the works for which tender is invited (period up to 6 months to be taken as half-year and more than 6 months as one year). Any period beyond 12 months, the period actually mentioned in the NIT shall be considered.
M = 2.5
B = Value of existing commitments and on-going works to be completed during the period of completion of the work for which tender is invited.
5. The Bidder should have valid GST Registration. Copies of latest VAT / Sales Tax returns filed with VAT/ Sales Tax Dept. along with a certificate of the Bidder that these returns have been filed with the VAT/ Sales Tax Dept. If not applicable, the bidder must provide an Affidavit stating that it is not applicable/exempted on his letter head.
6. The bidder should have valid ESIC registration Certificate. A certified copy must be submitted. If not applicable submit affidavit in Rupees 100/- Non-judicial stamp paper.
7. The bidder should be registered with the Commissioner, Provident Fund and should submit copy of the registration along with the Technical bid. In case the bidder has less than 20 persons in his employment, he shall submit an affidavit to this effect in lieu of such registration.
8. Submit the Pre Integrity Pact on Rs. 100 Stamp paper as indicated in Section 9.
9. Even though the Bidder meets the above qualifying criteria, he is subject to be disqualified if he has;
 - a) Made a misleading or false representation[s] in the Forms, Statements and Attachments submitted in Proof of the Qualification Requirements.

And/ Or

- b) A record of poor performance such as Abandoning a work, Poor quality of work, Claim, Litigation History, or Financial failures etc. in any State Govt. organization/services/corporations/local body etc. (by whatever names these are called).

Chief Executive Officer
Faridabad Smart City Limited
Faridabad Haryana

General Terms and Conditions for E-tendering:

1. The detail tender notice and Tender Document can be seen on website: <https://haryanaeprocurement.gov.in> and downloaded online from the Portal: <https://haryanaeprocurement.gov.in> by the Firms / Individual registered on the Portal.
2. As the proposals are to be submitted online and are required to be encrypted and digitally signed, the Bidders are advised to obtain Digital Signature Certificate (DSC) at the earliest.
3. The payment for Tender Document Fee and e-service Fee shall be made by eligible bidders online directly through Debit Cards & Internet Banking Accounts and the payment for EMD can be made online directly through RTGS/NEFT or OTC Please refer to „Online Payment Guideline“ available at the Single e-Procurement portal of GoH (Govt. of Haryana) and also mentioned under the Tender Document.
4. Intending bidders will be mandatorily required to online sign-up (create user account) on the website <https://haryanaeprocurement.gov.in> to be eligible to participate in the e-Tender. He/ She will be required to make online payment towards EMD fee in due course of time i.e. between 23/12/2017 (from 18:00 Hours) to 15/01/2018 (up to 16:00 Hours). The intended bidder fails to pay EMD fee under the stipulated time frame shall not be allow to submit his / her Proposal for the respective event / tenders.
5. The interested bidders must remit the funds at least T+1 working day (Transaction + One working Day) in advance i.e. on or before 15/01/2018 (up to 16:00 Hours); and make payment via RTGS /NEFT or OTC to the beneficiary account number specified under the online generated challan. The intended bidder / Agency thereafter will be able to successfully verify their payment online, and submit their Proposal on or before the expiry date & time of the respective events/Tenders at <https://haryanaeprocurement.gov.in>.
6. The undersigned reserves the right to reject any or all the tenders without assigning any reason what so ever and no conditional and postal tenders will be accepted.
7. If the date on which the tenders are to be received is declared a public holiday, the tender will be received on the next working day.
8. The offer will remain valid up to 180 days from the due date of submission of tenders.
9. Any amendment to a tender after opening of tender made by the tenderer according to his own will is liable to be ignored altogether and such tenderer will be debarred from tendering for a period of six months

Check List for online submission of Documents

Envelop A (Mandatory documents) :

1. Letter of EMD
2. Online receipt of EMD
3. Scanned Copy of Pre Contract Integrity Pact duly Signed (On Rs 100 Non judicial stamp Paper, duly Notarized)

Envelop B:

4. Letter of Technical Bid
5. Power of Attorney on Rs 100 Stamp Paper authorizing for signing the bid documents
6. Qualification Information (Annexure 1)
7. Copy of ESIC Certificate/ otherwise if not applicable submit affidavit in Rs 100/- Non judicial stamp paper, duly Notarized.
8. Copies of latest GST / VAT / Sales Tax Returns. If not applicable, submit Affidavit stating that it is not applicable/exempted on his letter head.
9. Copy of registration with Commissioner PF / if not applicable, submit Affidavit.
10. Affidavit of having provided all correct information (Annexure-7)
11. Information regarding current claims, arbitration & litigation, if any (Annexure-6)
12. Existing commitments and on-going works (Annexure-5)
13. Details of all works executed during last 5 (Five) years (Annexure-4)
14. Details of similar works executed (Annexure-3)
15. Income Tax returns for last 5(Five) Years (Annexure-2)
16. Duly signed RFP including all corrigendum's and Pre bid responses if any

Section 1a:

Letter of EMD – Envelop – ‘A’

To,

**Chief Executive Officer,
Faridabad Smart City Limited
BK Chowk, NIT Faridabad,
Haryana - 121001.**

Sub: Construction of Rainwater Harvesting System at Various Locations in Faridabad City including with a Defect Liability Period of One Years.

Dear Sir,

Enclosed please find receipt of EMD deposited online.

Thanking You

Yours Faithfully

For and on behalf

(Seal and Signature of the Authorized Signatory)
Enclosure: Demand Draft

Letter of Technical Bid Envelop –‘B’

To,
**Chief Executive Officer,
Faridabad Smart City Limited
BK Chowk, NIT Faridabad,
Haryana – 121001**

For Bid Invitation No.: _____

Date:

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instruction to Bidders (ITB);
- (b) We offer to execute in conformity with the bidding Documents the following Work/s: **Construction of Rainwater Harvesting System at Various Locations in Faridabad City including with a Defect Liability Period of One Years.**
- (c) Our bid shall be valid for a period of **180 days** from the bid submission due date in accordance with the bidding documents, and it shall remain binding up on us and may be accepted at any time before the expiration of that period;
- (d) **If our bid is accepted, we commit to obtain a performance security in accordance with the Bidding Documents;**
- (e) We, including any sub-Bidders or suppliers for any part of the contract, do not have any conflict of interest in accordance with ITT;
- (f) We are not participating, as a Bidder in more than one bid in this bidding process in accordance with the ITT,
- (g) Our firm, its affiliates or subsidiaries including any Sub-Bidders or suppliers for any part of the contract, has not been declared ineligible by Government of Haryana (GoH)/ Government of India (GoI) or any of its undertakings/Other Departments any State Government, any public sector unit or any Local Body.
- (h) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed.
- (i) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.
- (j) We are not a Government owned entity / we are a Government owned entity, meeting all the requirements of the ITT.

Seal and Signature:

Name.....

Signed in the capacity of.....

Duly authorized to sign the Bid for and on behalf of.....

Date:

SECTION 2: INSTRUCTIONS TO BIDDERS/Tenderers (ITB/ITT)

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A. Introduction:

With a view to improve urban centers of India and make them citizen friendly and sustainable, the Government of India through the Union Ministry of Urban Development (MoUD) has initiated the Smart Cities Mission. The program is oriented around urban renewal and retrofitting of 100 cities in India in collaboration with the State Governments and the respective City Authorities.

The method of selection of the cities is through competition wherein the following two stages are already complete:

Stage I: Shortlisting of cities by States,

Stage II: The Challenge round for selection

After completion of Stage II, 20 selected Smart Cities were declared in Round 1. Subsequently, 13 cities were selected in Fast Track Round, which included the City of Faridabad.

The Ministry of Urban Development, Government of India vide its memo no. K-15016/.157/2015-SC-1 (vol.II) dated 26th May, 2016 directed Government of Haryana to constitute Special Purpose Vehicle (SPV) for Faridabad Smart City Limited. The Special Purpose Vehicle will implement the smart City Proposals prepared by Municipal Corporation, Faridabad and duly approved by MoUD under the smart City Mission of Government of India. Faridabad Smart City Limited was incorporated on Twentieth day of September Two Thousand sixteen under the Companies Act, 2013 and the company is limited by shares.

The Special Purpose Vehicle is constituted for Faridabad Smart City Limited under:

Constitution of Board of Directors:

The Board of Directors of Faridabad Smart City Limited shall comprise of the following members

1	Principal Secretary to Govt. of Haryana, Urban Local Bodies Department	Chairman
2	Mission Director, Urban Local Bodies Department	Director
3	Chief Administrator, HUDA	Director
4	Representative of Govt of India	Director
5	Chief Executive Officer of SPV	Commissioner, Municipal Corporation, Faridabad
6	Independent Directors (3 Nos.)	Director

After selection of Faridabad in the Fast Track Round, the process of implementation has been initiated with the setting up of the SPV – Faridabad Smart City Limited (FSCL). FSCL has appointed (PMC) to Design, Develop, Manage and Implement the Smart City Project under the Smart City Mission.

In order to achieve the vision set out in the Smart City Proposal, the city has identified projects under the two categories of Area Based Development and Pan City Solutions as follows:

- 1. Area Based Development: 3 Modules, 8 Sub Modules consisting of 59 sub-projects with an estimated cost of Rs. 1916 crores.**
- 2. Pan City Solution: 1 Module and 09 Sub-projects with an estimated cost of Rs. 425 crores.**

FSCL is interested in taking up the construction of Rainwater Harvesting System project on priority basis. As per the Smart City Proposal, the funding for this project is being sourced from Smart City Mission of Government of India.

Although FSCL is envisaging constructing Rainwater Harvesting System at many places within ABD, it is interested in taking up works at selected locations on pilot basis.

FSCL is now inviting eligible bidders for the works “**Construction of Rainwater Harvesting System at Various Locations in Faridabad City including with a Defect Liability Period of One Years**”

The locations of Construction of Rainwater Harvesting System are enclosed at the end of this document.

The Defect Liability Period (DLP) shall be for a period of one year from the date of actual completion of the work. The completion of work shall be reckoned from the date of issue of completion certificate by the FSCL. The Bidder shall not claim the cost of works/items covered under the DLP.

Note: It is likely that FSCL may identify locations where additional number of Rainwater Harvesting System would need to be constructed..

FSCL reserves the right to add/ reduce or delete items at its discretion without providing any reasons.

Further, FSCL is also planning to undertake a different project "Installation of Solar Roofs Tops on the Govt. Buildings, Schools and at other locations which are identified for the Rain Water Harvesting project. However, the Solar Roof Project is **NOT** be a part of this tender. The works will be taken up under different Tenders/contracts.

In case works are to undertaken simultaneously, The bidders shall coordinate the works

General

1.0 Scope of Tender

- a) The Faridabad Smart City Limited (abbreviated as 'FSCL' and Referred to as the 'Employer' in these documents) invites Unit Rate Tenders from eligible Bidders for the Works as defined as "**Construction of Rainwater Harvesting System at Various Locations in Faridabad City including with a Defect Liability Period of One Years**" in this document and referred to as "the Works").
- b) The detailed Scope of Works and the Drawings can be referred at Section 7 and Annexure F of this document.

2. Eligible Bidders: shall be as defined in Section 1.

3. Qualification of the Bidder: shall be as defined in Section 1.

4. One Tender per Bidder: Each Bidder shall submit only one Tender for the Project. A Bidder who submits or participates in more than one Tender (other than as a Sub Bidder or in cases of alternatives that have been permitted or requested) will cause all the Proposals with the Bidder's Participation to be disqualified.

5. Cost of Tendering: The Bidder shall bear all Costs associated with the Preparation and Submission of his Tender and the Employer will in no case be Responsible and Liable for those Costs.

6. Site Visit: The Bidder, at his own Responsibility and Risk, is encouraged to visit and examine the Site of Works and its surroundings and obtain all Information that may be necessary for preparing the Tender and entering into a Contract for construction and execution of the Works. The cost of visiting the site shall be at the Bidder's own expense.

C. Tender Documents

7. Content of Tender Documents

The Set of Tender Documents shall have all the Sections given in 'Contents' of this document.

8. Clarification of Tender Documents

A prospective Bidder requiring any clarification of the Tender Documents may present himself with his queries in the pre-bid meeting as detailed in the N.I.T. or send the same at the address/email indicated in the bid document so that these may reach the Authority before the date and time mentioned under KEY DATES.

9. Amendment of Tender Document

9.1 Before the Deadline for Submission of Tenders, the Employer may modify the Tender Document by issuing Addenda.

9.2 Any Addendum thus issued shall be part of the Tender Documents and shall be updated on the website and **NOT** communicated in writing to any purchaser of the Tender Document. To give Prospective Bidders reasonable time in which to take an Addendum into account in preparing their Tenders, the Employer may extend, as necessary, the Deadline for **Submission of Tenders, in accordance with S. No. 16 below.**

D. Preparation of Tenders

10. Documents Comprising the Tender

The submission shall be submitted both physically (hard Copy) as well as online. The hard Copy of the Tender shall be submitted by the Bidder with Three sealed envelope and shall contain the Documents as follows.

Envelope A:

- a. Original **Earnest Money Deposit:** 1.81 Lacs (EMD Online payment receipt using Debit Card/Net Banking/RTGS/NEFT in a separate, sealed envelope).
- b. Letter of EMD (Envelope A)

c. Pre Contract Integrity Pact duly Signed (On Rs 100 Non judicial stamp Paper, duly Notarized)

Envelope B:

- a. Letter of Technical Bid (Envelop B- as per format given in Page 14.)
- b. Pre-Qualification Information as per Formats given in Section-1: Pre-qualification document.
- c. Any other information required for completing and submitting the tender by Bidders in accordance with these Instructions.

The Documents Listed under Sections - 1 shall be filled and submitted in without exception.

11. Tender Prices

11.1 The Contract shall be for the Whole Works as described in General Scope of Works clause 1.0 and its Sub Clause 1.1.

11.2 The Unit rates quoted by the bidders shall not include any Goods and Service Tax. The quoted rate shall therefore be excluding the Goods and Service Tax but inclusive of other taxes & Duties, such as Labour Cess, Royalties, Sales Tax etc. imposed by the Government (State or Central)] and other Levies payable by the Bidder under the contract or for any other cause, shall be included in the Total Tender Price submitted by the Bidder. The Unit Rate Price shall be inclusive of all taxes as applicable by the law. FSCL will not be responsible for changes in any of the tax rates.

11.3 The Lump sum Price quoted by the Bidder shall be subject to adjustment during the Performance of the Contract in Accordance with the Provisions of the General Conditions of Contract.

12. Tender Validity

12.1 Tenders shall remain valid for a period not **less than 180 days** after the Deadline Date for Tender Submission specified in Clause - 16. A Tender valid for a Shorter Period shall be rejected by the Employer as Non Responsive. In Exceptional Circumstances, prior to expiry of the Original Time Limit, the Employer may request that the Bidders may extend the Period of Validity for a specified additional period. The request and the Bidders' responses shall be made in writing. A Bidder may refuse the request without forfeiting his Earnest Money Deposit. A Bidder agreeing to the request will not be required or permitted to modify his Tender, but will be required to extend the Validity of his Earnest Money Deposit for a period of the extension, and in compliance with Clause - 13 in all respects.

13. Earnest Money Deposit

- a. **13.1** The Bidder shall make the Earnest Money Deposit 1.81 through Lacs Online payment using Debit Card/Net Banking/RTGS/NEFT/. in a separate, sealed envelope).

13.2 Any Tender not accompanied by an acceptable Earnest Money Deposit as indicated in Sub Clause 13.1 above shall be rejected by the Employer as Non Responsive.

13.3 The Earnest Money Deposit of unsuccessful Bidders shall be returned within 30 days of the end of the Tender Validity Period specified in Sub Clause 12.1

13.4 The Earnest Money Deposit made by a Bidder may be forfeited:

- (a) If the Bidder withdraws the Tender after Tender Opening or during the Period of Tender Validity;
- (b) If the Bidder does not accept the Correction of the Tender Price, pursuant to Clause 23; or
- (c) In the case of a successful Bidder, if the Bidder fails within the specified time limit to execute the Agreement with the FSCL for works under this bid.

14. Format and signing of Tender:

14.1 The tendering system for the work comprises three stages (i) EMD (ii) Technical Bid [Eligibility qualification] and (iii) online Financial Bid.

The Bidders are required to submit the online tender and submit hard copy with all required documents in Three Sealed Envelopes – A & B, as detailed above, manually within specified time and date at the address given below.

**Chief Executive Officer,
Faridabad Smart City Limited
BK Chowk, NIT Faridabad,
Haryana – 121001**

14.2 In Stage II [Technical Bid] the Bidder shall prepare the Documents comprising the Tender as described in Clause - 10 of these Instructions to Bidders. Bidders shall attach all Copies of Certificates pertaining to their Eligibility Criteria, Qualification Information Documents and Credit lines / Letter of Credit / Certificates from Scheduled Banks, failing which the Bid shall not be considered.

14.3 Stage III - Submission of Online Financial Bid.

14.4 The Tender shall contain no Alterations or Additions, except those to comply with instructions issued by the Employer.

E. Submission of Tenders

15. Procurement of Tenders

15.1 Tender Documents may be downloaded from the e procurement portal <https://haryanaeprocurement.gov.in> as indicated in the NIT

15.2 Bidders shall submit signed, complete Proposal comprising the documents and forms in accordance with Clause 10 (Documents Comprising Proposal). The submission shall be physically (hard Copy) as well as online.

15.3 Only the authorized representative of the Bidder shall sign the original submission letters in the required format for the Qualification Documents, Technical Proposal and the Financial Proposal and shall initial all pages as required. The authorization shall be in the form of a written power of attorney attached to the Qualification Documents Proposal.

15.4 Any modifications, revisions, interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Proposal.

15.5 The signed Proposal shall be marked "Original". The scanned Copy shall be made from the signed original and submitted online. If there are discrepancies between the original and the scanned copies submitted online, the tender committee at FSCL shall decide the one prevails.

15.6 If the envelopes and packages with the Proposal are not sealed and marked as required, the Client will assume no responsibility for the misplacement, loss, or premature opening of the Proposal.

16. Deadline for Submission of the Tenders

16.1 As per KEY DATES given in tender notice.

16.2 The Employer may extend the Deadline for Submission of Tenders by issuing an Amendment in accordance with Clause - 9, in which case all Rights and Obligations of the Employer and the Bidders previously subject to the original deadline will then be subject to the new deadline.

17. Late Tenders

17.1 Envelopes 'A & B' received by the Employer after the Deadline prescribed As per **KEY DATES** given in tender notice will **not** be accepted.

F. Tender Opening and Evaluation

18. Opening of Envelope 'A' [EMD] and Envelope 'B' of all Tenders and Evaluation to determine Qualified Bidders:-

18.1 The Employer shall open Envelope 'A' of all the Tenders received (except those received late), in the presence of the Bidders or their representatives who choose to attend such opening of Envelope 'A' of the Tender at 11.00 HOURS ON **19.01.2018**

at the office of the Chief Executive Officer, Faridabad Smart City Limited. In the event of the Specified Date of Tender Opening being declared a holiday for the Employer, the Tenders will be opened at the appointed time and location on the next working day.

18.2 The Bidders' Names, the Presence or Absence of Earnest Money Deposit (Amount, Format and Validity), will be announced by the Employer at the opening. Late Submission of EMD will be rejected, unopened (wherever Applicable).

18.3 Envelope 'B' [Qualification Information] only of those Bidders who have submitted all the documents prescribed in Envelope A and are found in order in all respects shall be opened for technical evaluation.

18.4 The Employer shall prepare Minutes of the Tender Opening, including the information disclosed to those present in accordance with Sub Clause - 18.3 (Wherever Applicable).

18.5 Online tender of other bidders shall be kept unopened.

18.6 The Employer will evaluate and determine whether each Tender (a) meets the Eligibility Criteria defined in ITT Clause - 2; (b) is accompanied by the Required Earnest Money Deposit as per stipulations in ITT Clause 10 and (c) meets the Minimum Qualification Criteria stipulated in ITT Clause - 3 (Section 1). The Employer will draw out a List of Qualified Bidders and will intimate these Qualified Bidders.

19. Opening of online tender of Qualified Bidders and Evaluation.

19.1 The Employer will inform all the qualified Bidders the Time, Date and Venue fixed for the opening of online tender containing the Unit Rate financial offer. The Employer will open the online tender of Qualified Bidders at the Appointed Time and Date in the presence of the Bidders or their Representatives who choose to attend. In the event of the Specified Date of online Tender opening being declared a holiday for the Employer, Online Tender shall be

opened at the appointed Time and Location on the next working day.

19.2 The Bidders names, the Tender Prices, any discounts, and such other details as the Employer may consider appropriate, will be announced by the Employer at the time of opening.

19.3 The Employer shall prepare Minutes of the Online Tender Opening, including the Information disclosed to those present in accordance with Sub Clause - 19.2.

20. Process to be Confidential

20.1 Information relating to the Examination, Clarification, Evaluation, and Comparison of Tenders and recommendations for the Award of a Contract will not be disclosed to Bidders or any other persons not officially concerned with such process until the Award to the successful Bidder has been announced. Any effort by a Bidder to influence the Employer's processing of Tenders or award decisions may result in the rejection of his Tender.

21. Clarification of Tenders Clarification of Tenders

21.1 To assist in the Examination, Evaluation and Comparison of Tenders, the Employer may, at his discretion, ask any Bidder for clarification of his Tender. The request for clarification and the response shall be in writing, but no change in the price or substance of the Tender shall be sought, offered or permitted except as required to confirm the Correction of Arithmetic Errors discovered by the Employer in the evaluation of the Tenders in accordance with Clause - 24.

21.2 Subject to Sub Clause 21.1, no Bidder shall contact the Employer on any matter relating to its Tender from the time of the Tender opening to the time the Contract is awarded. If the Bidder wishes to bring additional information to the notice of the Employer, he should do so in writing.

21.3 Any effort by the Bidder to influence the Employer in the employer's Tender Evaluation, Tender Comparison or contract award decisions may result in the rejection of the Bidders' Tender.

22. Examination of Tenders and Determination of Responsiveness

22.1 Prior to the Detailed Evaluation of Tenders, the Employer will determine whether each Tender; (a) has been properly signed; and (b) is substantially responsive to the requirements of the Tender Documents.

22.2 A Substantially responsive Tender is one which

- a) Confirms to all the conditions or criteria set in the pre-qualification criteria
- b) submission of all supporting documents indicated in Section 1,
- c) EMD, Transaction (Document Fee), Processing Fee, Pre Contract Integrity Pact (in prescribed format) are enclosed,
- d) All forms and annexures are enclosed.
- e) Bid Capacity is achieved.
- f) Terms Conditions and Specifications of the Tender Documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the Scope, Quality or Performance of the Works; (b) which limits in any substantial way, inconsistent with the Tender Documents, the Employer's Rights or the Bidder's obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other Bidders presenting substantially responsive Tenders.

22.3 If a Tender is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation.

23. Correction of Errors

23.1 Tenders determined to be substantially responsive will be checked by the Employer for any arithmetic errors.

23.2 The amount stated in the Tender will be adjusted by the Employer for the correction of errors and with the concurrence of the Bidder, shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount, the Tender will be rejected, and the earnest money deposit may be forfeited in accordance with Sub-Clause 13.4 (b).

24. Evaluation and Comparison of Tenders

24.1 The Employer will evaluate and compare only the Tenders determined to be Substantially Responsive in accordance with Clause - 22.

24.2 In evaluating the Tenders, the Employer will determine for each Tender the evaluated Tender Price by adjusting the Tender Price as follows:

(a) Making any Correction for Errors pursuant to Clause - 23.

24.3 The Employer reserves the right to accept or reject any variation, deviation or alternative offer. Variations, deviations and alternative offers and other factors, which are in excess of the requirements of the Tender documents or otherwise result in unsolicited benefits for the Employer, shall not be taken into account in Tender Evaluation.

After Evaluation of the Price Analysis, the Employer may require that the amount of the Performance Security be increased at the expense of the Successful Bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful Bidder under the contract.

G. Award of Contract

25. Award Criteria

25.1 Subject to Clause-26, the Employer will award the Contract to the Bidder whose Tender has been determined to be substantially responsive to the Tender Documents and who has offered the Lowest Evaluated Lump sum Tender Price, provided that such Bidder has been determined to be (a) Eligible in accordance with the Provisions of Clause - 2, and (b) Qualified in accordance with the Provisions of Clause - 3.

26. Employer's Right to accept any Tender and to reject any or All Tenders

26.1 Notwithstanding Clause - 25, the Employer reserves the right to accept or reject any Tender, and to cancel the Tender process and reject all Tenders, at any time prior to the Award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Employer's action.

27. Notification of Award and Signing of Agreement

27.1 The Bidder whose Tender has been accepted will be notified in writing of the award by the Chief Executive Officer prior to expiration of the Tender validity period. This written communication from the employer to the successful Bidder shall be termed as the "Letter of Acceptance". This Letter (hereinafter called the "Letter of Acceptance") will state the sum that the Chief Executive Officer will pay the Bidder in consideration of the execution and completion of the Works by the Bidder as prescribed by the Contract (herein after and in the Contract called the "Contract Price").

27.2 The Notification of award will constitute the formation of the Contract.

27.3 The Agreement will incorporate all Agreements between the Chief Executive Officer from FSCL and the successful Bidder. It will be kept ready for signature of the successful Bidder in the office of the Chief Executive Officer within 21 days following the notification of award along with the Letter of Acceptance. Within 7 days of Receipt, the successful Bidder will sign the Agreement and deliver it to the Chief Executive Officer, FSCL. The duration of the project will be considered from the date of issue of work order or date stipulated in the work order.

SECTION 3: QUALIFICATION INFORMATION

- 1.1. The Bidder shall meet the Pre-qualification Criteria indicated in Section 1.
- 1.2. The Bidder performance for each work completed in the last 3 years and those in hand should be certified by an officer not below the rank of Engineer-In-Charge or equivalent. Details should be furnished in **Annexure-4**.
- 1.3. The Bidder should furnish a legal document in the form of an Affidavit in the Performa appearing in **Annexure-7** guaranteeing the truth and accuracy of all statements and information furnished by the bidder as part of this Tender. The Affidavit shall also authorize FSCL to approach any authority/person to verify the accuracy of the information furnished or enquire about the Bidder competence and his Reputation in general.
- 1.4. Tender submitted by a Bidder, who has been debarred from undertaking any work or has been black-listed by any organization/agency in India as on the date of submission of this tender, shall be summarily rejected.
- 1.5. Bidder should have its own in-house electrical wing fulfilling all the terms & conditions given in the electrical sub heads or can associate any electrical contractor who fulfils the requisite criteria given in the electrical sub heads in the tender document.

Note: The Bidder is required to furnish all information in all the FORMS and their appurtenant formats included herein, (duly signed with seal) failing which the tender is liable to be rejected.

2. Agreement shall be drawn with the successful Bidder on approved Form 'B'. Bidder shall quote his rates as per various terms and conditions given in the General Condition of the Contract mentioned in the bid document, including the general specification and drawing.
3. The time allowed for carrying out the work is 6 (**Six**) months, including Rainy Season, to be reckoned from the date of written orders to commence the work.
4. Time is Essence of this contract.

**FORM B - TENDER FOR UNIT RATE CONTRACT
(TO BE SUBMITTED ONLINE WITH DIGITAL SIGNATURE)**

I/we hereby tender to execute the whole of the works as described in the scope of services indicated in called works:

- a) **Name of the Work:** “Construction of Rainwater Harvesting System at Various Locations in Faridabad City including with a Defect Liability Period of One Years.”
- b) **Location Plan and Specifications:** The location plan and specifications as detailed in Section 7: Designs and Specifications and appearing in Annexure F.
- c) **Scope as defined in ITT clause 1 under “General”**

S. No.	Description of the Item	Total Rate (in figure)	Total Rate (In words)
1	Construction of Rainwater Harvesting System at Various Locations in Faridabad City including with a Defect Liability Period of One Years as per the total detailed BOQ S. No. 1-17 which is mentioned below of 14 Locations. Grand Total – “A” (Value of A from table on page 24)		
3	Grand Total “A”		

The bids will be evaluated on the basis of amount quoted against “A “: **Grand Total (A) in INR (Lump sum Inclusive of all taxes except Goods and Service Tax)**

Total sum of (In Figures as in C) □..... (In Words) Rupees
.....

And should this tender be accepted, I/we do here by agree and bind myself/ ourselves to abide by and fulfil all the conditions of this Tender Document, in default thereof to forfeit and pay to the Chief Executive Officer, Faridabad Smart City Limited the penalties of sums of money mentioned in the said condition.

Dated:

Bidder’s Signature

Address

Seal

Witness:

Address:

The above tender is hereby accepted by me on behalf of the Faridabad Smart City Limited.

(Designation)

SIGNATURE OF AUTHORITY BY WHOM the TENDER IS ACCEPTED

BOQ Of Rain Water Harvesting

S No	BOQ Ref.	DESCRIPTION	UOM	QTY	UNIT RATE(Rs)	TOTAL(Rs)
1	6.6 HSR	Earth work in excavation in foundations, trenches, etc.in all kinds of soils, not exceeding 2 metres depth including dressing of bottom and sides of trenches, stacking the excavated soil, clear from the edge of excavation and subsequent filling around masonry, in 15 cm layers with compaction, including disposal of all surplus soil, as directed within a lead of 30 metres	Cum	1519.7		
2	8.6 (C) HSR	Dismantling Concrete -cement concrete plain 1:3:6 mi	Cum	42.00		
3	10.63HSR	Design mix cement concrete of grade M-10 with minimum cement contents 220 Kg./cum in foundation and plinth.	Cum	66.33		
4	10.66HSR	Design mix cement concrete of grade M-25 with minimum cement contents 405 Kg./cum in foundation and plinth.	Cum	294.02		
5	18.22 HSR	Cold twisted deformed (ribbed/ or steel) bars for R.C.C. works, where not included in the complete rate of R.C.C. including bending, binding and placing in position complete.	Quintal	191.11		
6	Non SOR	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	Cum	13.19		
7	Non SOR	Supplying, filling, spreading & leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	Cum	13.19		
8	Non SOR	Supplying, filling, spreading & levelling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads & lifts, all complete as per direction of Engineer -in-charge.	Cum	21.98		
9	Non SOR	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete 1800 mm dia RCC pipes. (Laying by manual/ mechanical means- Blind Pipe	Rmt	28.00		
10	Non SOR	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete 1800 mm dia RCC pipes. (Laying by manual/ mechanical means- Perforated Pipe	Rmt	56.00		
11	Non SOR	Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately) Class II	each	28.00		

12	Non SOR	Providing Laying and Jointing PVC pipe including jointing the specials 100 mm diameter including all fittings	mtr	2958.00		
13	Non SOR	Providing Laying and Jointing PVC pipe including jointing the specials 200 mm diameter including all fittings	mtr	2744.55		
14	Non SOR	500 mm dia cover with frame (medium duty)	each	42.00		
15	Non SOR	S.C.I. soil, waste and vent single socketed pipe 1.80 metres long: 100 mm dia	each	28.00		
16	Non SOR	Boring/drilling bore well of required dia for casing/strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level	Rmt	840.00		
17	Non SOR	Supplying, assembling, lowering and fixing in vertical position in bore well un-plasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.200 mm nominal size dia- Perforated pipe	Rmt	854.00		

SECTION 5: GENERAL CONDITIONS OF CONTRACT

1. **Security Deposit:** The person whose tender may be accepted (hereinafter called the Bidders which expression shall unless excluded by or repugnant to the context include his heirs executors, administrators representatives and assigns) shall permit FSCL at the time of making any payments to him for the value of work done under the contract to deduct the security deposit as under.

The **Security Deposit** to be taken for the due performance of the contract under the terms & conditions printed on the tender form will be the earnest money plus a deduction of 10 % (Ten Percent) from the payment made in the running bills. The EMD and Security advance together shall not be more than 10 % of the contract value. Further, upon completion of works and subsequent to issue of completion certificate as detailed in the special conditions of contract an amount equal to 50% of the total security deposit deducted from the running payments may be refunded to the contractor, provided that all the recoveries/out standings against the contractor have been realized. Balance 50 % of the amount shall be refunded after successful completion of DLP period.

2. **Additional Performance Security:**

If the rate quoted by the lowest Bidder (L1) considered to be unbalanced in relation to the Authority's estimated of cost of work to be performed under the contract, the Chief Executive Officer then may require giving the Bidder notice to submit detailed price/ rate analysis of major items of the work. The bidder shall submit the rate analysis within 7 days of such notice so as to demonstrate the internal consistency of these price(s)/rate(s) with his quoted price(s)/rate(s). After revaluation by tender sanctioning authority, Chief Executive Officer may require the Bidder to submit 5 % additional Security over the performance security in the form of B.G., which shall be refunded along with the Second instalment of the normal Security Deposit (After four months of completion of successful operation period of works). In the event, contractor fails to complete the work to the satisfaction of the authority or abandoned the work incomplete, the authority may forfeit this 5 % additional Performance Security Deposit along with performance security and Security deposit & the agreement shall be terminated and action shall be taken accordingly. In case if the lowest Bidder, whose rates quoted, is considered to be unbalanced, does not agree to deposit additional 5 % Security Deposit then his bid may be rejected by the sanctioning authority and earnest money shall be forfeited

3. The Bidders is /are to provide everything of every sort and kind (with the exception noted in the schedule attached) which may be necessary and requisite for the due and proper execution of the several works included in the contract according to the true intent and meaning of the drawings and specifications taken together, which are to be signed by the Engineer in Charge designated by the FSCL (herein after called the Engineer-In-Charge) and the Bidder whether the same may not be particularly described in the specifications or shown on the drawings, provided that the same are reasonably and obviously to be inferred there from and in case of any discrepancy between the drawings and the specifications the Engineer-In-Charge which shall prevail.
4. The Bidder (s) is/are to set out the whole of the works in conjunction with an officer to be deputed by the Engineer-in-charge and during the progress of the works, to amend on the requisition of the Engineer-in-charge any errors which may arise therein and provide all the necessary labours, and materials for so doing. The Bidder(s) is/are to provide all plant, labour and materials (with the exceptions noted in the schedule attached) which may be necessary and requisite for the works. All the materials and workmanship are to be the best of their respective kinds. The Bidder(s) is/are to leave the works in all aspects clean and perfect at the completion thereof.
5. The Bidder must extensively coordinate with FSCL and its consultants during construction stage.
6. The bidder shall be responsible for any damage caused to existing infrastructure, buildings, network of sewerage, water pipelines, telephone lines, etc. Upon request from FSCL or by himself shall restore the damaged works immediately at his own cost to the satisfaction of the FSCL.
7. The bidder shall make the plan for activities of construction in such a way that it should not stop the existing operations (i.e. including but not limited to Hospitals, Office activities, Public dealing of Govt. Offices, Classes in Schools, etc) and should not cause inconvenience to the public.
8. The Engineer-in-charge is to have at all times access to the works which are to be entirely under his control. He may require the Bidder(s) to dismiss any person in the Bidder (s) employ upon the works that may be incompetent or misconduct him and the Bidder (s) is/are forthwith to comply with such requirements.
9. The Bidder (s) cannot vary or deviate from the drawings or specifications or execute any extra work of any kind whatsoever unless upon the authority of Engineer-in-charge to be sufficiently shown by any order in writing by any plan or drawings expressly given and signed by him as extra or variation or by any subsequent written approval signed by him. In cases of daily labour all vouchers for the same are to be delivered to the Engineer-in-charge or the officers-in-charge at least during the week following that in which the workmen have been engaged and only such day work is to be allowed for as such as may have been authorized by the Engineer-in-charge to be so done unless the work cannot from its character be properly measured and valued.

- 10.** Excavation: The contractor has to stack the excavated material at a location designated by the Engineer In Charge (E in C)(FSCL official). The location will be within the site premises. The contractor shall spread the back fill material at places indicated by the E in C at his own cost. In case the contractor is instructed to spread the material outside the site premises, FSCL shall pay extra for the transportation as per the prevailing SOR rates.
- 11.** The contractor should submit the construction plan and it have to be approved by FSCL.
- 12.** The Contractor shall have approvals including design mix concrete from FSCL prior to the commencement of the tasks/activities.
- 13.** All works indicated in the scope of Services of this tender (Backfilling, Concreting, steel work, etc) Quality, Testing, Sampling, shall be done in accordance with BIS and specifications.
- 14.** Contractor shall submit mock samples and product literature of all materials (Material used in construction of Rainwater Harvesting System) & it have to be approved by FSCL before procuring the materials.
- 15.** All the materials have to be tested & necessary reports/ test certificated has to be submitted to FSCL before start of work.
- 16.** Pressure testing report of all pipes which includes Hume Pipes, Perforated Hume Pipes, PVC pipes or any other pipes which shall be used for construction of Rainwater Harvesting System, has to be submitted to FSCL.
- 17.** Debris cleaning on roof area and surrounding of the buildings has to be done by contractor at this own cost.
- 18.** All down take pipes shall be clamped as deemed necessary to keep them intact from water pressure and as indicated in the drawings or as directed by Engineer- In- Charge.
- 19.** The costs due to any damage caused to said works including drilling for the Rain Water Bore well shall be borne by the contractor.
- 20.** The location of the existing features is provided for bidding purpose only. It is the responsibility of the bidder to gather relevant approved drawings and approvals from the concerned department and agencies, prior taking up the works defined in the scope of services of this tender
- 21.** The Bidder must extensively coordinate with FSCL and its Technical Consultant during all stage of the project. The successful bidder shall obtain written approvals from FSCL at all stages, before commencing work on any particular stage of work. During the construction phase, after completion of any particular stage/phase of works and before commencing work on the next stage/phase of work, the successful bidder shall obtain written approval on the completed works/phase from FSCL, before commencing work on the next stage/phase of works.
- 22.** As a part of the approval process, the bidder shall, when changes are demanded by the Authority [The FSCL], the bidder shall obtain the written approval before commencing the work for such changes. All such revisions shall be to the complete satisfaction of FSCL and on which mandatory written approvals obtained from the FSCL before commencing work related to the requested approval. No work under the scope of works under this bid/contract shall be commenced before obtaining the said written approval from the Authority.
- 23.** All the approved construction drawings shall be provided by FSCL. No work shall be started without approved construction drawings.
- 24.** FSCL shall provide the source for the power. The bidder shall at his own cost make all arrangement to supply power to its Equipment(s)/Tools (if required) which shall be used for construction purpose only
- 25.** The Contractor has to strictly adhere to the instructions provided by the FSCL officials from time to time. The contractor shall rectify bad workmanship works within the stipulated time provided by the E in C. The E in C has the right to dismantle the works which according to him is not complying with the drawings and standards. The Contractor upon receiving such instruction shall either rectify the defect or dismantle the structure at his own cost.
- 26.** The bidder has to arrange accredited 3rd party testing agency to meet the quality standard at his own cost. The frequency of Testing shall be as per the BIS or as indicated by the E in C.
- 27.** The E in C has the right to reject the concrete that according to him is not complying the standards and specifications. The contractor upon receiving such instruction with no time shall stop concreting and discard the concrete at his own cost.
- 28.** In case the contractor does not obey the instructions of the E in C, the E In C has the authority to get the work/dismantling rectified by other contractors/workers. The cost of such work on actual basis will be deducted from the contractor's bill.
- 29.** All work materials brought and left upon the ground by the Bidder(s) or his/their orders for the purpose of forming part of the works are to be considered to be the property of the FSCL and the same are not to be removed or taken away by the Bidder's or any other person without the special license and consent in writing of the Engineer-in-charge but the FSCL is not to be in any way answerable for any loss or damage which may happen to or in respect of any such work or materials either by the same being lost or stolen or injured by weather or otherwise.

- 30.** The Engineer-in-charge has full power to require the removal from the premises of all materials which, in his opinion, are not in accordance with the specification and in case of default, the Engineer-in-charge is to be at liberty to employ other persons to remove the same without being answerable or accountable for any loss or damage that may happen or arise to such materials. The Engineer-in-charge is also to have full power to substitute other improper materials to be substituted and in case of default, the Engineer-in-charge may cause the same to be supplied and all costs which may arise due to such removal and substitution are to be borne by the Bidder (s).
- 31.** If in the opinion of the Engineer-in-charge any of the works, are executed with improper/Inferior materials or defective workmanship, the Bidder(s) is/are, when required by the Engineer-in-charge forthwith to re-execute the same and to substitute proper materials and workmanship and in case of default of the Bidder(s) in so doing within a week the Engineer-in-charge is to have full power to employ other persons/agency to re-execute the work and the cost thereof shall be borne by the Bidder(s).
- 32.** Any Defects, shrinkage or other faults which may appear within the Performance period arising out of defective or improper materials or workmanship or due to any other reason are, upon the direction of the Engineer-in-charge, to be amended and made good by the Bidder at his / their own cost unless the Engineer-in charge decides that he/they ought to be paid for the same and in case of default the Engineer-in-charge may recover from the Bidder (s) the cost of making good the works as per prevailing norms and specifications.
- 33.** From the Commencement of the work to the completion of the same, the site and the works thereupon are to be under the Bidder(s) charge. The Bidder (s) is/are to be held responsible for and to make good all injuries, damages and repairs occasioned or rendered necessary to the same by fire or other causes and they are to hold the FSCL harmless from any claims for injuries to persons or for structural damage to property happening from any neglect, default, want of proper care or misconduct on the part of the Bidder(s) or of any one in his/their employment during the execution of the works.
- 34.** The Engineer-in-charge reserves the power to send workmen upon the premises to execute fittings and other works not included in the Contract for whose operation Bidder (s) is/are to afford every reasonable facility during ordinary working hours, provided that such operation shall be carried on in such manner as not to impede the progress of the work included in the contract but the Bidder(s) is/are not to be held responsible for any damage which may happen to or be occasioned by any such fittings or other works.
- 35.** The works are to be commenced immediately upon receipt of order of commencement given in writing by the Engineer-in-charge. The whole work, including all such addition and variations as aforesaid (but excluding such, if any, as may have been postponed by an order from the Engineer-in charge) shall be completed in every respect within 3(Three) months including rainy season from the reckoned date. The work shall throughout the stipulated period of contract be proceeded with all due diligence, keeping in view that time is the essence of the contract.
- 36.** In any case in which under any clause or this contract the Bidder shall have renders himself liable to pay compensation amounting to the whole of the security deposit (whether paid in one sum or deducted by installments) or committed a breach of any terms in Fair Wages or in the case of delays beyond three months or in case of abandonment of the work owing to the serious illness or death of the Bidder or any other cause, Engineer-In-Charge on behalf of the FSCL shall have power to adopt anyone of the following courses, as he may deem best suited to the interest of the Board.
- (a) The rescind of contract, (of which recession notice in writing to the Bidder under the hand of the Engineer-In-Charge shall be conclusive evidence) and in which case the security deposit of the Bidder shall stand forfeited and be absolutely at the disposal of the Board.
- (b) To employ labour paid by the FSCL or by employing FSCL machinery and to supply materials to carry out work, or any part of the work, debiting the Bidder with the cost of the labour or hire charge of FSCL machinery and the price of the materials (of the amount of which cost and price, a certificate of the Engineer-In-Charge shall be final and conclusive against the Bidder) and crediting him with the value of the work done, in all respects in the same manner and the same rates as it had been carried out by the Bidder under the terms of this contract or the cost of the labour and the price of the materials as certified by the Engineer-In-Charge whichever is less the certificate of the Engineer-In-Charge as to the value of the work done shall be final and conclusive against the Bidder. This does not qualify the Bidder to any refund if the work is carried out at lower rates than the rates quoted by the Bidder. Saving, if any, will go to the Board.
- (c) To measure up the work of Bidder and to take such part thereof as shall be unexecuted out of his hands and to give it to another Bidder to complete in which case any expenses which may be incurred in excess of the sum which would have been paid to the original Bidder if the whole work had been executed by him (of the amount of which excess certificate in writing or the Engineer-In- Charge shall be final and conclusive) shall be borne and paid by the original Bidder and may be deducted from any money due to him by FSCL under the contract or otherwise or from his security deposit or the proceeds of sale thereof or a sufficient part thereof. The same provision of recovery of the difference amount will apply in case of failure in compliance on part of the Bidder to execute the work or part of the work as per work and time schedule. Engineer-In-Charge will have the right to decide as to which work or which part of work / item is to be put in fresh tender in case of failure in execution as the part of the Bidder.
- (d) In the event of any of the above courses being adopted by the Engineer-In- Charge, the Bidder shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials or entered into any agreement or made advances on account of or with a view to the execution of the work or the performance of the

contract. And in case the contract shall be rescind under the provisions aforesaid, the Bidder shall not be entitled to recover or to be paid any sum for any work thereof actually performed under this contract, unless and until the Engineer-In- Charge will have certified in writing the performance of such work and the value payable in respect thereof and he shall only be entitled to be paid the value so certified. .

- 37.** For Delay in completion of work by the Bidder, the Engineer-In-Charge have full power to recover penalty in following manners:-
- 38.** For Delay Period the Penalty will be calculated @ 0.5% Per Week or Part thereof of value of works for the Works not completed. Total Penalty limited to maximum to 5% of Agreement Amount. Engineer-In-Charge will be fully responsible for recovery of Penalty.
- 39.** If the Bidder shall desire an extension of time for completion of work on the ground of his having been "UNAVOIDABLY" such as Natural Calamities, Land Dispute, Delay in Approval of Layout, Environmental Clearance, Building Permission from local bodies hindered in its execution or on any other ground, he must apply giving all and complete details of each of such hindrances or other causes in writing, to the Engineer-in-charge positively within 15 (Fifteen) days of occurrence of such hindrance(s) and seek extension of time. If in the opinion of Engineer-in-charge, such reasonable grounds are shown, the Engineer-in-charge shall himself grant extension of time, only if the extension of time sought by the Bidder is for one month or 10% (ten per cent) of the stipulated period of completion, whichever is more. If the extension of time sought is more than the above mentioned period, then the Engineer-in-charge shall refer the case to the Chief Engineer/Technical Advisor (TA) FSCL with his recommendation and only after his decision in this regard, the Engineer-in-charge shall sanction extension of such time as decided by the Chief Engineer/TA.

Once the Chief Engineer/TA has decided the case of extension of time with reference to the particular application of the Bidder, it will not be competent for them to review/change such a decision later on. However, the Engineer-in-charge and the Chief Engineer/TA shall give the Bidder an opportunity to be heard (orally and or in writing), before taking any final decision either of granting extension of time or permitting the Bidder to complete the work by the delayed date or before refusing both. Provided further where the Engineer-in-charge has recommended grant of extension of particular time of the contract or has refused to recommend extension of time but has recommended permitting the Bidder for delayed completion, the Bidder shall continue with the work till the final decision by Chief Engineer/TA. Once the Chief Engineer / Engineer-in-charge has heard (oral and or in writing) the Bidder on this subject matter of extension of time and if Chief Engineer / Engineer-in-charge fails to communicate his decision within a period of 30 (Thirty) days of such hearing, it shall be deemed that the Bidder has been granted extension of time for the period as applied by him.

- 40.** Compensation Events for consideration of extension of time without penalty: -

There shall be no compensation events.

- 41.** Action when the work is left incomplete abandoned or delayed beyond the time limit permitted by the Chief Engineer / Engineer-in-charge.

(i) The Engineer-in-charge may terminate the contract if the Bidder causes a fundamental breach of the contract.

(II) Fundamental breach of contract shall include, but not be limited to, the following: -

a) The Bidder stops work for four weeks, when no stoppage of work is shown on the current programme or the stoppage has not been authorized as by the Engineer-in-charge.

b) If serious rectification of bad / poor quality work is not done by the Bidder within 15 days from 1st notice issued to him by Engineer-in-charge might attract termination of the agreement and whole performance guarantee will be forfeited.

c) If the Bidder fails to appoint the technical staff and if appointed do not function properly for 4 weeks even after due written notice by the Engineer-in charge.

d) If he violates labour laws.

e) Any other deficiency which goes to the root of the contract Performance

(iii) If the contract is terminated, the Bidder shall stop work immediately, make the site safe and secure and leave the site as soon as reasonably possible.

(iv) The Engineer - in - charge shall cause recording and checking of measurements of all items of work done (taking in to account quality and quantity of items actually executed) and prepare the final bill after adjusting all pervious outstanding dues. Such recording of measurements shall be done after due notice regarding time and date of recording measurement and directing the Bidder to either remain present himself or his authorized representative so as to satisfy

himself that the recording of measurement is just and proper. Failure on his parts either to attend and or refusing to acknowledge the measurement so recorded in the department measurement book, shall be at his sole risk and responsibility.

42. The Bidder(s) shall be paid as per the payment schedule.
43. A certificate of the Engineer - in - charge or an award of the referee hereinafter referred to as the case may be, showing the final balance due or payable for the Bidder(s) is to be conclusive evidence of the works / having been duly completed and that the Bidder(s) is/are entitled to receive payment of the final balance but without prejudice to the liability of the Bidder(s) under provisions of clause.

44. ARBITRATION CLAUSE:

Except as otherwise provided in this contract all question and dispute relating to the meaning of the specification, designs, drawings and instruction herein before mentioned as to thing whatsoever in any way arising out of or relating to the contract designs, drawings, specification, estimate, concerning the works, or the execution or failure to execute the same, whether arising during the progress of the work, or a after the abandonment there of shall be referred to the TA -FSCL for his/her decision, within a period of 30 (thirty) days of such an occurrence (s). There upon the TA-FSCL shall give his written instructions and/or decisions, after hearing the contractor and Engineer in Charge within a period of 15 (fifteen) days of such request. This period can be extended by mutual consent of parties. Upon receipt of written instructions or decisions, of TA -FSCL the parties shall promptly proceed without delay to comply such instructions or decisions. If the TA-FSCL fails to give his instruction or decisions in writing within a period of 15 (fifteen) days or mutually agreed time after being requested and/or, if the party (es) is/are aggrieved against the decision of TA-FSCL, the aggrieved party may within 30 days prefer an appeal to the Chief Executive Officer -FSCL, who shall afford an opportunity to the parties of being heard and to offer evidence in support of his appeal. The, Chief Executive Officer, will give his decision within 30 (thirty) days, or such, mutually agreed period. If any party is not satisfied with the decision of the Chief Executive Officer, he can file a petition for resolving the dispute through arbitration as per THE ARBITRATION AND CONCILIATION ACT, 1996 as amended through AMENDMENT ACT 2015.. A reference to Arbitration Tribunal shall be no ground for not continuing the work on the part of the Contractor. Payment as per original terms and condition of the agreement shall be continued by the Engineer in Charge.

45. If at any time before or after the commencement of the work, Engineer-in-charge shall for any reason whatsoever: -
- (a) Cause alterations, omissions or variations in the drawings and specifications involving any curtailment of works as originally contemplated; or
- (b) Not requiring the whole of the work as specified in the tender to be carried out, The Bidder(s) shall have no claim to any payment or compensation whatsoever on account of any profit or advantage which he/they might have derived from the execution of the work in full as specified in the tender but which he/they did not derive in consequence of the curtailment of the works by reasons of alterations, omissions or variations or in consequence of the full amount of the work not having been carried out. But the Bidder(s) shall be entitled to compensation for any loss sustained by him/them by reason of his/their having purchased or procured any materials or entered in to any engagements or made any advance to labour or taken any other preliminary or incidental measures on account of or with a view to the execution of the works or the performance of the contract.
46. Death or permanent invalidity of Bidder: - if the Bidder is an individual or a proprietary concern or a partnership concern, dies during the currency of the contract or becomes permanently incapacitated, and where the surviving partners are only minors, the contract shall be closed without levying any damages/ compensation as provided in the contract agreement. However, if competent authority is satisfied about the competence of the surviving Partner[s], then the competent authority Engineer - in - charge shall enter into a fresh agreement for the remaining work strictly on the same terms and condition under which the contract was awarded.
47. The FSCL shall have the right to cause Audit and Technical Examination of the work and the final bills of the Bidder including all supporting voucher, abstract, etc. to be made as per payment of the final bill and if as a result of such Audit and Technical Examination the sum is found to have been overpaid in respect of any work done by the Bidder under contract or not to have been executed, the Bidder shall be liable for refund of the amount of over payment and it shall be lawful for the FSCL to recover the same from the security deposit of the Bidder or from any other dues payable to the Bidder. If it is found that the Bidder was paid lesser than what was due to him under the contract the amount of such under payment shall be duly paid by the FSCL, to the Bidder. In the case of any audit examination and recovery consequent on the same, the Bidder shall be given an opportunity to explain his case and the decision of the Chief Executive Officer- FSCL shall be final. In the case of Technical Audit, consequent on which there is a recovery from the Bidder no recovery should be made without orders of the Chief Executive Officer- FSCL whose decision shall be final. All action(s) under this clause should be initiated and intimated to the Bidder within a period of Twelve months from the date of completion.
48. In case any item/work is not executed as per the drawings, designs, estimates and /or specifications (as per the agreement executed) the same shall be deducted and recovered from the Bidder at prevailing market rates or at par with FSCL/

HSR in force whichever is less at the time of execution. No compensation shall be paid for any change in quantities occurring due to site and / or requirements of design.

49. FSCL reserves the right to accept or reject any Tenders or all tender at any time prior to the Award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the FSCL action.
50. All the Drawings received from FSCL for construction work has to be returned to FSCL after completion of work.
51. All soft and hard copies of the construction plans submitted by Bidders shall be property of FSCL & FSCL has all power to choose & adopt any construction plans submitted by all Bidders.
52. The authority competent to accept a tender reserves the right of accepting the tender for the whole work or for distinct part of it or of distributing the work between one or more Bidders.
53. Subletting of works: - The contract may be rescinded and security deposit forfeited, for subletting the work beyond permissible limits as mentioned below or if Bidder becomes insolvent: -

The contract shall not be assigned or sublet without prior sanction of the authority who has accepted the tender and if the written Bidder assigns or sublets his contract, for more than permissible limits as mentioned below or attempts to do so, or becomes insolvent or commences any insolvency proceedings or makes any composition with his creditors, or attempts to do so or if any gratuity, gift, loan, perquisite, reward of any advantage pecuniary or otherwise, shall either directly or indirectly be given, promised or offered by the Bidder, or any of his servants or agents or to any public officer or person in the employ of FSCL in any way relating to his office or employment, or if any such officer or person shall become in any way directly or indirectly interested in the contract, the Chief Executive Officer may, there upon by notice in writing, rescind the contract, and the Earnest Money & Security Deposit of the Bidder shall there upon stand forfeited and be absolutely at the disposal of Chief Executive Officer FSCL and the same consequences shall ensure as if the contract had been rescinded thereof and in addition, the Bidder shall not be entitled to recover or be paid for any work thereto for actually performed under the contract. Any such assignment/subletting within the limit of 25% by the authority who has accepted the tenders OR

50 % by the next higher authority accepting the tender as the case may be shall not diminish or dilute the liability/responsibility of the Bidder. If the Bidder gets item / items of work executed on a task rate basis with / without materials, this shall not amount to subletting of the contract. Any subcontracted work, done in Haryana state with prior approval of competent authority, such sub-Bidder will also get the credit for work towards his experience.

54. Taxes, Royalty etc.:

[a] Taxes: The rate quoted by the Bidder shall not include any Goods and Service Tax component. The quoted rate shall therefore be excluding the Goods and Service Tax but inclusive of the other taxes such as sales and other levies, duties, royalties, cess, toll, taxes of Central and State Governments, local bodies and authorities that the Bidder will have to pay for the performance of this Contract. The FSCL will perform such duties in regard to the deduction of such taxes at source as per applicable law. Any payment claimed by the Bidder due to any change[s] in the existing tax structure shall not be entertained by the FSCL.

[b] Royalty on Minor Minerals: The Bidder shall pay all quarries, Royalty charges etc. If the Bidder fails to produce the royalty clearance certificate from concerned department then the Engineer in-charge shall deduct the royalty charges from his bills and keep in deposit head, which shall be refunded to the Bidder on production of royalty clearance certificate from the concerned department. If he fails to produce the royalty clearance certificate within 30 days of submission of final bill, then royalty charges which were kept under deposit head by the Engineer in-charge shall be deposited to the concerned department and his final bill payment shall be released.

In all cases where change[s] in the royalty rates of minor minerals are notified by the state government after the date of submission of financial offer by the bidder/ Bidder the same shall be not reimbursed.

[c] Income tax at the rate of 2% or such other percentage as may be fixed by income tax department from time to time from any sum payable to the Bidder shall, at the time of credit of such sum or at the time of payment to the Bidder by cash, cheque or draft or any other mode, shall be deducted at the source from the running, final or any type of payment for this contract as per section 194 of income tax Act. 1961.

[d] Labour Welfare Cess at the rate of 1% or such other percentage as may be fixed by Labour department Government of Haryana from time to time from any sum payable to the Bidder shall, at the time of credit of such sum or at the time of payment to the Bidder by cash / cheque or draft or any other mode, shall be deducted at the source from the running, final or any type of payment for this contract as per Labour Act.

55. It is open to the Bidder, as the case may be; to make an application to the Income Tax officer concerned and obtain from him a certificate authorizing the payer to deduct tax at such lower rate or deduct no tax as may be appropriate to his case. Such certificate will be valid for the period specified therein unless it is cancelled by the income Tax Officer earlier.
56. Model Rules for water supply, Sanitation in Labour Camps: The Bidder will be bound to follow the Haryana model rules relating to layout of water supply and sanitation in labour camps (Vide Annexure-A).

57. Fair wages to Labourers: The Bidder shall pay not less than minimum wages as described in the Labour Acts & Laws to labourers engaged by him on the work. (Copy of rules enclosed vide Annexure-B).
58. Right to take up work departmentally or to award on contract: The Chief Executive Officer, FSCL reserves the right to take up departmental work or to award works on contract in the vicinity without prejudice to the terms of contract.
59. Issue of Materials by the Department: No Materials shall be supplied by the FSCL. So far as supply of cement and steel (TMT Bars) and other materials is concerned these has to be arranged by the Bidder himself at his own cost and the conditions given in the Annexure-E shall prevail.
60. The Bidder shall execute the work as per detailed specifications as incorporated in the tender document and in accordance with the approved drawings and special conditions incorporated in the tender documents.
61. Removal of unsuitable or undesirable employees of Bidder: The Bidder shall, on receipt or the requisition form the Engineer-in-charge at once remove any person employed by him on the work who in the opinion of Engineer-in-charge is unsuitable or undesirable.
62. Recovery of Amount by FSCL from Bidder: Any amount due to FSCL from the Bidder on any account, concerning work may be recovered from him as arrear of land revenue and/or from payment due to him in any of the Govt. / Semi Government Department.
63. Transport of materials is Bidder responsibility: The Bidder shall make his own arrangement for transport of all materials. FSCL is not bound to arrange for priorities for getting wagons or any other materials though all possible assistance by way of recommendation will be given, if it is found necessary in the opinion of the Engineer-in-Charge. If the efforts of the Engineer-in-charge prove in effective, the Bidder shall have no claim for any compensation on this account.
64. Arrangement of Tools and Plants: The Bidder shall arrange at his own cost tools and plants required for proper execution of work.
65. Increase or Decrease of work specified within lump sum: The competent authority reserves the right to increase or decrease any work specified within lump sum during the currency of the contract and Bidder will be bound to comply with the order of the competent authority.
66. Execution of work according to time schedule: The work shall be done by the Bidder according to the time schedule fixed by the Engineer-In-Charge, FSCL.
67. Canvassing or support or acceptance of tender: Canvassing or support in any form for the acceptance of any tender is strictly prohibited. Any Bidder doing so will render him liable to penalties which may include removal of his name from the register of approved Bidders.
68. List of persons employed by Bidder: Bidder shall not be permitted to tender for works in the FSCL who's near relative is posted as Assistant Engineer or above capacity. A list showing the names of the persons who are working with the Bidder and are near relatives to any officer in the FSCL should also be appended to the tender. The Bidder should also intimate to the Engineer-In-Charge the names of subsequently employed persons who are near relatives of any officer in FSCL. Any breach of this condition by the Bidder would render him liable to be removed from the bidding process.
69. **Validity of Offer:** Tenders shall remain open up to 180 days from the prescribed date of opening of tenders. However, In the event of the Bidder withdrawing the offer before the aforesaid dates for any reason whatsoever, Earnest money deposited with the tender shall be forfeited.

In the event of Bidder withdrawing his/her offer before the expiry of the period of validity of offer or failing to execute the contract agreement he/she not be entitled to tender for this work in the case of recall of tenders in addition to forfeiture of his/her earnest money as may be applicable for the work. If the Bidder has committed a similar default on an earlier occasion as well, his/her registration in the department may be suspended temporarily for a period of 6 months from such date as may be ordered by the authority which had registered him/her.
70. **Bank Commission Charges:** Bank commission charges in all payments by demand drafts outside the State will not be borne by the FSCL but by the Bidder himself.
71. **Force Majeure:** Should failure in performance of any part of this contract arise from war, insurrection, restraint imposed by FSCL, act of Legislature or other authority, stoppage of hindrance in the supply of raw materials, or fuel, explosion, accident, strike, riot, lockout, or other disorganization, of labour or transport, breakdown of machine, flood, fire act of God, or any inevitable or unforeseen event beyond human control directly or indirectly interfering with the supply of stores or from any cause which may be a reasonable ground for an extension of time, the competent authority will allow such additional time as he considers to be justified in the circumstances of the case. No compensation will be payable to the Bidder for any loss incurred by him due to these reasons.
72. Each Bidder shall supply the name, residence and place of business of the person or persons submitting the tender and shall be signed by the Bidder with his usual signature. When tender is submitted by partnerships the full names of all partners shall

be furnished. An attested copy of the constitution of the firm and the registration number of the firm shall be furnished. In such a case, the tender must be signed separately by each partner thereof or in the event of the absence of any partner it must be signed on his behalf by a person holding a power of attorney authorizing him to do so. Tenders by a company /corporation shall be signed with the legal name of the company/corporation followed by the name of the state of incorporation and by signature and by designation of the president, secretary or other persons authorized to bind it in the matter.

73. Technical Knowledge and staff:

[a] The tender shall be submitted with an Information that the Bidder has successfully carried out similar works of this nature and has adequate organization, machinery and experienced personnel to handle jobs of this type and magnitude.

74. A brief description of similar works previously executed by Bidder: After the tender has been opened any Bidder may be required to submit detailed particulars of such works along with manner of their execution and any other information that will satisfy the officer receiving the tender that the Bidder has adequate organization, including experienced personnel to execute vigorously the work to be carried out as per these specifications.

(a) The Bidder shall employ adequate Construction Managers, Graduate Engineers & Diploma Engineers as Technical Staff during the execution of the work.

(b) The Technical Staff should be available at site and take instructions from the Engineer-in-Charge or other supervisory staff including PMC.

(c) In case the Bidder fails to employ the technical staff as aforesaid, the Engineer-In-Charge shall have the right to take suitable remedial measures.

(d) The Bidder shall give the names and other details of the graduate engineer / diploma engineer to whom he intends to employ or who is under employment with him, at the time of agreement and also give his curriculum vita.

(e) The Bidder shall give a certificate to the effect that the graduate engineer / diploma engineer is exclusively in his employment.

(f) A Retired Assistant Engineer who is holding a diploma may be treated at par with a Graduate Engineer for the operation of the above clause.

Note: - Such Degree or Diploma engineer must always be available on works site on day to day basis and actively supervise, instruct and guide the Bidder's work force and also receive instruction from the Departmental Engineers / Sub engineers. In case the Bidder fails to employ the required technical staff or fails to employ technical staff / personnel as submitted by the Bidder in Prequalification documents and or the technical staff/personnel so employed are generally not available on work site and or do not receive or comply the instructions of the Departmental Engineers, the Engineer-In-Charge shall recover / deduct from his bills as directed by the Engineer – In charge.

75. The tender documents have to be completed and submitted with all the documents required in the tender notice. Following is the summary of the documents required to be submitted with the completed tender form.

[a] Name, residence and place of business etc.

[b] Details of contracts already held by the Bidder.

[c] Attested copy of the constitution of firm and power of attorney.

[d] A declaration that there has been no conviction imprisonment for an offence involving moral turpitude.

[e] Declaration and description.

76. Registration with Labor Department: As per rule 1976 rule-21 (Form-4) or applicable laws, the successful Bidder shall submit the Labor registration Certificate after issuing the work order and prior to the Commencement of work.

77. SUBMISSION OF BILL: The contractor shall submit all bills on printed forms to FSCL account, and the charges in the bills shall always be entered at the rates specified in the tender or in the case of any extra work ordered in pursuance of these conditions, and not mentioned or provided for in the tender at the rates hereinafter provided for such work. The deduction or addition as the case may be of the percentage will be calculated on the amount of the bill for the work done, after deducting the cost of materials supplied departmentally at rates specified in the agreement.

(i) **Construction Work:** A bill shall be submitted by the contractor by 3rd day of each month for all works executed by him till the end of previous month less the gross amount received by him till the last previous month. This bill must be supported by records of detail measurement of quantities of all executed item of work along with true copies of record and result of all test conducted in the previous month (date wise). The C.E.O shall take or cause to be taken the requisite measurement for purpose of having the same verified/checked by the his authorized Engineer/Representative concern (if any) for quantity, quality and specification and examining all the "test results" and record the same in the Departmental measurement book. Based on above record measurement bill shall be corrected /prepared afresh. The contractor shall sign the measurement and the bill.

If the contractor fails to submit, the bill on or before the day prescribed, the Engineer in Charge after waiting for another 15

days shall depute a subordinate to measure the said work in the presence of contractor and or his authorized Engineer/Representative, whose counter signature to the measurement recorded with quantity and quality remark will be sufficient proof for acceptance of the same and shall be binding on the contractor. All such running bill payments arc by way of "Advances" and shall be subject to final adjustment.

78. PAYMENT :

(i) The Bidder(s) shall be paid as per the payment schedule.

(ii) A certificate of the Engineer - in - charge or Authorized person by FSCL as the case may be, showing the final balance due or payable for the Bidder(s) is to be conclusive evidence of the works / having been duly completed and that the Bidder(s) is/are entitled to receive payment of the final balance but without prejudice to the liability of the Bidder(s) under provisions of clause.

(iii) **Bank Commission Charges:** Bank commission charges in all payments by demand drafts shall be borne by Bidder.

(iv) **Payment Of Intermediate Certificate To Be Regarded As Advances:** Intermediate payment during the course of execution of works if considered desirable in the interest of work, can be made on monthly basis, on the recommendation of Engineer In charge, in such a way that in his opinion, it reflects the amounts due to the Contractor in accordance with the contract, after deduction of any sums which may have become due and payable by the contractor to the employer. In cases where there is a difference of opinion as to the value of any item, the Engineer's view shall prevail. Within the 14th day of the receipt of the monthly bill, the Engineer shall determine the amounts due to the contractor and shall deliver to the Employer and the contractor an Interim Payment Certificate, certifying the amounts due to the contractor.

(v) But all such intermediate payments shall be regarded as payments by way of advance against the final payment for works actually done and completed and shall not preclude the requiring of bad unsound and imperfect or unskillful work to be removed and taken away and reconstructed or erected or be considered as admission of the due performance of the contract or any such part thereof, in any respect, or the accruing of any claim, nor shall it conclude determine, or affect in any way the powers of the employer under these conditions or any of them as to the final settlement and adjustment of the accounts or otherwise or in any other way vary or affect the contract. The final bill shall be submitted by the contractor within one month of the date fixed for completion of the work; otherwise the Engineer-in charge's certificate of the measurement and of the total amount payable for work accordingly shall be final and binding on all parties.

(vi) Receipts for payments made on account of a work when executed by a firm must also be signed by the several partners, except where the contractors are described in their tender as a firm/ proprietor in which case the receipt must be signed in the name of-the firm by one of the partners, or by some other person having authority to give effectual receipt for the firm

79. Insurance: The bidder shall have a suitable insurance to cover all the risks that are likely to occur from the scope of services indicated in this project. The insurance shall cover FSCL, FSCL's Project Management Consultant staff, Users etc. Risks may include but are not limited to a) accidents b)Mal function of equipment/or machines c) casualties d) Safety e) Theft etc.

80. Indemnify: The bidder shall indemnify the FSCL and its Project Management Consultant staff on all accounts from all aspects while performing the scope of services of this project.

SECTION 6: SPECIAL CONDITIONS OF CONTRACT

- 6.1 **General:** The special conditions are supplementary instructions to the tenders and shall form part of the contract.
- 6.2 **Drawing:** All Drawings/Layout plans given in Section 7 are for reference or guidance purpose only. The Bidder will submit the detailed construction plan of construction of Rainwater Harvesting System within 15 days from date of issuing work order. The same shall be reviewed and approved by Engineer – In charge of FSCL or through other agency approved by FSCL. This 15 days period is included in stipulated time for construction. Construction of Rainwater Harvesting System shall be carried out as per the approved drawings provided by FSCL.
- 6.3 **Data to be furnished by the Bidder:** The Bidder shall submit the following information to the Engineer-in-charge.
- 6.4 Proposed constructions Programme and time schedule showing sequence of operations within **15 days** of receipt of notice to proceed with the work in pursuance of the conditions of contract.
- 6.5 **Action when the progress of any crucial item of work is unsatisfactory:** If the progress of a crucial item of work, which is important for timely completion of work is unsatisfactory, the Engineer-in-charge shall notwithstanding that the general progress of work is satisfactory, after giving the Bidder **15 days'** notice in writing get the said work executed by employing other means including other labour / Bidder etc. and the Bidder will have no claim for compensation for any loss sustained by him owing to such action.
- 6.6 In case if any of the works under this contract are found unsatisfactorily by the Engineer in charge, the E in C shall either request the bidder to rectify the defect immediately or at his discretion may have it done by others (vendor or contractor) and deduct the actual amount incurred as per market rate plus 15 % extra incurred in such works from the bidders
- 6.7 **Inspection and Tests:** Except as otherwise provided in here of all material and workmanship if not otherwise designated by the specifications shall be subject to inspection, examination and test by the Engineer-in-Charge at any and all times during manufacture and/or construction and at any/all places where such manufacture or constructions are carried on. The Engineer-in charge shall have the right to reject defective materials and workmanship or require its corrections. Rejected workmanship shall be satisfactorily replaced with the proper material without charge thereof and the Bidder shall properly segregate and remove the rejected material from the premises. If the Bidder fails to proceed at once with the replacement of the rejected material and/or the construction of defective workmanship the Engineer-in charge may replace such material and/or correct such workmanship and charge the cost thereof to the Bidder.
The Bidder shall be liable for replacement of defective work up to the time of completion of DLP in accordance with the conditions of contract of all work to be done under the contract. The Bidder shall furnish promptly without additional charge all facilities, labour and material necessary for the safe and convenient inspection and tests that may be required by the Engineer-in-Charge. All inspections and tests by the departments shall be performed in such a manner as to not unnecessarily delay the work. Special full size and performance test shall be charged with any additional cost of inspection when materials and workmanship are not kept ready by the Bidder at the time of inspection.
- 6.8 **Removal of temporary work, Plant & Surplus materials:** Prior to final acceptance of the completed work, but excepting as otherwise expressly directed or permitted in writing, the Bidder shall, at his own expenses remove from the site and dispose of all the temporary structures including buildings, all plant and surplus materials, and all rubbish and debris for which he is responsible to the satisfaction of Engineer-in-Charge.
- 6.9 **Possession prior to completion:** The Engineer-in-Charge shall have the right to take possession of or use any completed part of the work. Such possession or use shall not be deemed as an acceptance of any work not completed in accordance with the contract.
- 6.10 **Damage to works:** The works whether fully completed or incomplete, all the materials, machinery, plants, tools, temporary building and other things connected there with shall remain at the risk and in the sole charge of the Bidder until the completed work has been delivered to the Engineer-in- Charge and till completion certificate has been obtained from the Engineer in-charge. Until such delivery of the completed work, the Bidder shall at his own cost take all precautions reasonably to keep all the aforesaid works, materials, machinery, plants, temporary buildings and other things connected there with free from any loss, damages and in the event of the same or any part there of being lost or damaged, he shall forthwith reinstate and make good such loss or damages at his own cost.
- 6.11 **Examination and tests on completions:** On the completion of the work and not later than three months thereafter, the Engineer-in-charge shall make such examination and tests of the work as may then seem to him to be possible, necessary or desirable, and the Bidder shall furnish free of cost any materials and labour which may be necessary thereof and shall facilitate in every way all operations required by the Engineer-in-Charge, in making examination and tests.
- 6.12 **Climatic Conditions:** The Engineer-in-Charge may order the Bidder to suspend any work that may be subject to damage by climatic conditions and no claims of the Bidder will be entertained by the department on this account.
- 6.13 As per the Ministry of Environment and Forest Guidelines 2010 and Ministry of Urban Development notifications, the Site area shall be protected from dust by fixing Green Fencing around the Construction site area.
The Contractor is instructed to strictly adhere to the following at his own cost.
- a) Supply and Fixing Green barriers and wind breaking walls around their sites.
 - b) Cover tarpaulin on scaffolding around area of construction,
 - c) Do not store construction material, particularly sand, on any part of the street, roads in any colony,
 - d) Cordon the work area with proper fencing by other means with due consideration of safety of workers, public, etc.
 - e) Dust emissions from construction site are controlled.
 - f) Sprinklers should be compulsorily used at the site and Wet jets in grinding and stone cutting must be used.
 - g) The work area shall be well illuminated during nights.
- 6.14 **Safety regulations:** While carrying out this work, the Bidder will ensure compliance of all safety regulations as provided in the Safety Code (Annexure - D). The bidder will be responsible for safety of the works.

- 6.15 **The Bidder will make his own arrangement:** for supply of Water, Light & Power for his works and labour camps etc.: The Bidder will make his own arrangement for supply of water, light and power for his works and labour camps etc. The department will not entertain any claim what so ever for any failure or break down etc. in supply of electricity to the Bidder. The Bidder will supply and fix his own tested meter of the approved make but the meter will be kept in the custody of the department.
- 6.16 **Interference with other Bidders:** The Bidder must not interfere with other Bidders who may be employed simultaneously or otherwise by the department at the Site. He will at no time engage departmental labour or that of other Bidders without the written permission of the Engineer-in-Charge. **Bidder is fully responsible for cause of damages of the adjoining works of different works at site and the same cost of rectification of damages shall be recovered from the Bidder as per Engineer In-charge instructions.**
- 6.17 **Regulations and bye laws:** The Bidder shall conform to the regulations, bye-laws any other statutory rules made by any local authorities or by the Government and shall protect and indemnify FSCL, against any claim or liability arising from or based on the violation of any such laws, safety, theft, ordinance, regulation, orders, decrees etc.
- 6.18 **Site Order Book:** A site order book shall be kept in the departmental office at the site of the work. As far as possible all orders regarding the works are to be entered in this book. All entries therein shall be signed by the departmental officers in direct charge of the work and the Bidder or his representatives. In the important cases the CEO or TA/GM/DGM of FSCL will countersign the entries which shall except with the written permission of the TA and the Bidders or his representative shall be bound to take note of all instructions meant for the Bidder as entered in the site order book without having to be called for separately to note them. The Engineer-in-charge shall submit periodically copies of the remarks of the site order book to the CEO, FSCL for record and to the Bidder for compliance and report.
- 6.19 **Conversion of units:** Whenever in the contract agreement dimensions and units have been expressed in F.P.S. system, the same will be converted in to metric system units by applying the standard conversion table of Indian Standard Institution so as to derive the corresponding figure arithmetically and the Bidder will have to accept the figures so derived without any claim or compensation whatsoever.
- 6.20 **Rights of other Bidders and persons:** If, during the progress of the work covered by this contract, it is necessary for other Bidders or persons to do work in or about the site of work, the Bidder shall afford such facilities, as the Engineer-in-charge may require.
- 6.21 **Employment of technical persons:** The Bidder shall employ or produce evidence of having in his employment a qualified technical person not below the rank of a Graduate Engineer from an Institution recognized by the Government of Haryana / Govt. of Other State / Govt. of India.

6.22 **ADVANCES TO BIDDERS:**

No Advance either Mobilization or Secured amount will be paid to the bidder.

- 6.24 Escalation: No escalation whatsoever shall be paid.
- 6.25 **Scope of Unit rate Contract:** The unit rate contract shall comprise of construction of Rainwater Harvesting System including provision of all labour, materials, constructional plants, transport and all works of a temporary or permanent nature required for such works as indicated above in so far as is necessary for providing the same and is specified in the contract.
- 6.26 **Open foundations:** The Bidder's unit rate tender should include provision for coffer dam, diversion drain or stream and bailing out of water or dewatering foundations and shoring etc. No claims for any additional payments shall be entertained.
- 6.27 Ground water level variation: It is liable to vary. No claim due to variation of low water level shall be entertained.

DETAILED PAYMENT SCHEDULE:

6.28 Schedule of running payment:

The Contractor shall submit running bills by 3rd of the every month for the construction work..

The Contractor representative and the FSCL staff shall collectively measure the quantities claimed in the Monthly bill. The Monthly bill will be paid upon approval from the FSCL.

Notes: [For 6.28]

1. The payments as indicated above are for complete works.
2. The Engineer in Charge may provide Adhoc payments to the contractor. However, the Adhoc payments shall be in proportion to the works executed and in no case shall it be more than the percentage stipulated for each phase in the payment schedule. The Engineer in Charge shall estimate the work done as per the milestones provided in the payment schedule and decide upon the proportion of executed works.

3. The milestones indicated above are for payment purpose and may therefore not indicate all items that have to be executed as part of the works under this tender. The payments for all such items, even though not explicitly mentioned above, shall therefore be deemed to have been included in the schedule mentioned above and no separate or additional payments whatsoever shall be made.
4. The Engineer in Charge shall verify the sum of all Adhoc payments made to the contractors and deduct the excess amount if paid over the stipulated percentage for milestones as provided in the payment schedule.
5. The Engineer- In-Charge, FSCL may require the Bidder to extend the validity period of the Bank Guarantee(s) for such period which he considers it proper and the Bidder shall extend the validity period of such Bank Guarantee accordingly, if the Bidder fails to extend the period accordingly, the Engineer-In-Charge, FSCL may encash the B.G. before the expiry of the validity period.
6. The Bidder shall carryout all necessary rectifications of defects noticed, caused due to any reasons at his own cost within such reasonable period as mentioned in such communication notice from the Engineer-in-Charge, FSCL to him.
7. **Failure of Bidder to rectify the defects properly in the given period, it shall be open for the Engineer-In Charge, FSCL to get the defect(s) rectified either departmentally or through other agency (Without calling any tender / Quotation) and recover the actual amount incurred as per market rate plus 15 % (Fifteen per cent) of such cost from the Bidder from any sum, in any form available with the department.**
8. If the Bidder or his work people shall break, deface, injure or destroy any part of building in which they may be working or any building road curbs, fences, enclosures, water pipes, cable/s, drains, electric or telephone posts or wires, trees, grassland cultivated ground continuous to the premises on which the work or any part of it is being executed or if any damage shall happen to the work while in progress from any cause whatever, or any imperfections become apparent in it within three months(Six month in the case of road works) after a certificate final or otherwise or its completion shall have been given by the Engineer-In-Charge as aforesaid the Bidder shall make good the same at his own expense or in default the Engineer-In-Charge may cause the same to be made good by other work men and deduct the expense of which certificate of the Engineer-In-Charge shall be final) from any sum that may be then or at any time thereafter, may become, due to the Bidder or from his security deposits, or the proceeds of sale thereof or of a sufficient portion thereof. The Bidder hereby also covenants that it shall be his responsibility to see that the Rainwater Harvesting System constructed under this contract do/ does not leak during the rainy seasons period of DLP after its completion and if any defects are pointed out to him by the Engineer-In-Charge during the said period the same shall be removed by him own expenses or in default the Engineer-In-Charge. The Bidder needs to provide 10 years warrantee period from water proofing.
9. Running payment shall be made as per detailed schedule of payments. The detailed schedule shall as be prepared within the broad break up of schedule of running payment as indicate above.
10. Proportional part payment may be made for incomplete items of work. These part payments shall be at the sole discretion of the Engineer-In-Charge of the Project.
11. No provision shall be allowed for in the detailed schedule of payment for arranging materials like Stainless steel, any other item.
12. The Bidder/Bidder shall give in advance authority letters(s) in favour of the Engineer-In-Charge of the Project authorizing him to get all Banks' Fixed deposit security, Bank Guarantees (either normal security deposit and or for performance security) to get these Bank Receipts and Guarantee deeds verified and confirmed from the concerned Bank. It will be only after getting such confirmation that the Engineer-In-Charge of the Project shall pay any amount accordingly or refund the equal amount for which BG submitted has been duly verified and confirmed.
13. The Bidder shall not remove minor mineral from borrow areas/ Quarries without prior payment of Royalty charges.
14. Extra work and rebate: Extra /Rebate work arising out of this contract shall be valued at HSR rate. If the rates are not available at DSR then the rate for such items shall be worked out by the Bidder in consultation with the Engineer-in-charge and approved by the Chief Executive Officer, FSCL. Such approval of rate[s] must invariably be obtained before taking-up of execution of such item[s] of work. This approved rate shall be final and binding on the Bidder.
15. **This is a unit rate contract where time is of utmost importance. No claims of any sort with regard to escalation shall be admissible and therefore no payment what so ever in this regard shall be made.**

Project Management Consultancy:

OBJECTIVE The objective of this Consultancy (the "Objective") is to assist the FSCL in implementation of the Project till the successful completion and handing over of all works to the FSCL and comprehensively supervise the works and activities carried out by the Bidder(s) as "Engineer's Representative" under the respective contract(s) in a manner that would ensure:

- a. Total compliance of technical specifications and various other requirements contained in the respective contracts by the Bidder(s);
- b. High standards of quality assurance system in the Consultancy as well as the works and activities of the Bidder(s);
- c. Comprehensive and documented reporting to the FSCL of Consultant's own activities, progress of the Project(s) and

compliances/ non-compliances by the Bidder(s);

e. Proper verification of measurements and bills submitted by the Bidder(s) so that payments made by the FSCL against these bills truly reflect the actual work done at site complying with the requirements of the respective contract(s);

f. proper interface and coordination among the FSCL, Bidder(s), other Bidders/ Bidders and local bodies/ state government; and

g. Full documentation of the completed works including applications for various approvals.

The objectives of the PMC is not limited to the above, CEO of FSCL have discretion implement other objectives or the completion of the project.

**SECTION 7:
DESIGNS AND SPECIFICATIONS**

This section has to be read along with the information provided in Scope of Tender in ITT Section 2

7.1 Drawings & Design:

FSCL will provide the following Drawings & these drawings are enclosed in NIT:-

- 1) Location Plan of Rainwater Harvesting System on Google Maps
- 2) Detailed Location Plan of Rainwater Harvesting System.
- 3) Typical drawings of Rainwater collection from Building and Rainwater Harvesting details.
- 4) Existing site pictures.

Location include

**LOCATION OF BUILDINGS FOR PROPOSED RAINWATER HARVESTING SYSTEMS (RWHS)
IN ABD IN FARIDABAD CITY**

S.No	Building	Area (Sq.m)	Location	Sector
1	Government School	1816.4	Fatehpur Chandela, Near Railway Road	Sector 21B
2	Community Centre	80.36	Fatehpur Chandela, Near Railway Road	Sector 21B
3	Police Post	336.12	Near Gold Field School	Sector 21B
4	Community Centre	398.4	Near Market, Bakshi Marg	Sector 21D
5	Government School	1216.324	Near Market, Bakshi Marg	Sector 21D
6	Dispensary	393.08	Bakshi Marg	Sector 21D
7	Police post	364	Bakshi Marg	Sector 21D
8	community Centre	396.4	Near Market-2	Sector 19
9	Police Post	228.1	Near Market-2	Sector 19
10	Dispensary	334.8	Near Market-2	Sector 19
11	police post	236.91	Rajiv Chowk, NH 2	Sector 19
12	Government School	298.08	Near Commissioner Office	Sector 19
13	Water Works	240.8	Near Market-2	Sector 19
14	Government School	198.696	Sant Nagar	Sector 20A

Note : FSCL reserves the rights to add/Reduce or delete any location(s) without any prior intimation.

GOVERNING DESIGN PARAMETERS FOR CONSTRUCTION

All designs shall confirm to the various standards & codes as under:

1. Space Standard for Roads in Urban Areas (IRC:69-1977)
2. Guidelines on Road Drainage (IRC SP 42:2014)
3. Bureau of Indian Standards
4. Plain and Reinforce Concrete: Code of Practice IS: 456-2008
5. IS - 15797 : 2008 Rainwater Harvesting
6. IS – 14476(Part 6)Slug test for rainwater vharvesting
7. Design Aids for Reinforced Concrete SP-16
8. Handbook on Concrete Reinforcement and Detailing SP-34

The above list is indicative. Other codes/standards may also be required to be adopted. In such cases, the same shall be adopted upon approved from the Authority (the FSCL)

In the absence of an Indian Code/Standard, following International Codes may be referred to:

1. British Standards(BS-EN)
2. Malaysian Codes and Standards
3. American Codes and Standards
4. Australian and New Zealand Codes and Standards
5. **Approval of design mix for RCC structure:** On approval of the tender, Bidder is required to arrange all constructions material for design mix of RCC from any of the Indian Institute of Technology or National Institute of Technology or NABL accredited Laboratories.

4.2 Design Code of Practice, Specifications: The Codes of practice and specification which are adopted in the departmental design will be as follows:

4.2.1 Approval of design mix for RCC: On approval of the tender, Bidder is required to arrange all for approval of design mix of RCC from any of the Indian Institute of Technology or National Institute of Technology or NABL accredited Laboratories.

4.2.2 Materials of construction of proposed Rainwater Harvesting system shall be governed by the relevant Indian Standards Codes of Practice.

4.2.3 The design procedure permissible stresses in material and other relevant stipulations shall be governed by the codes of practice published by BIS and other relevant IS codes.

4.2.4 New Codes of Practice and amendments issued by the Bureau of Indian standards till the date of tender will also be automatically applicable for the work, similarly amendments and revisions. Specifications made up to the date of tender shall also be applicable.

4.4 Testing of concrete: All concrete used in the RCC structure shall be mixed in power driven mechanical mixers and vibrated. The Bidder's lump sum Rate shall include the cost of testing of concrete cubes. Installation of a Calibrated Testing Machine at site by the Bidder will be acceptable. The testing will however, be done under the supervision of the Engineer-in-charge or his authorized representative. The Bidder shall finish a test certificate of the concrete test machine, to be used by him on the site of works sampling, strength test of concrete and acceptance criteria shall be in accordance with IS Codes.

4.5 Finish of concrete surface: Good surface of the exposed reinforced concrete members must be ensured by the Bidder by using plane and true to shape form work. Corrections of defects must be done as desired by the Engineer-in-charge. Tolerance in form work shall be in accordance with IS Codes.

4.6 Size of Aggregate: Size of aggregate to be used in plain concrete, RCC concrete structure shall be in accordance with specifications. However, for sections of structural components of 300 mm thickness and less only 20mm and downgraded aggregate shall be used.

4.7 Model Rules relating to labour, Water Supply & Sanitation in Labour Camps are given in ANNEXURE - A.

4.8 Testing of Rainwater Harvesting System: Slug test is to be conducted as per IS: 14476(Part6) before issue of completion certificate. The contractor will make all arrangements for the test at their own cost.

Scope of work and Specifications

1. The scope of work can broadly be defined as:

“Construction of Rain water harvesting structures for recharging the ground from roof of public buildings/ places, within Faridabad city on item rate basis as per General arrangement drawing and Bill of Quantities enclosed”.

2. The Contractor has to arrange to collect the rain water from the down take pipes of the roofs through suitable size PVC bends / Tee and connect it to the horizontal draw off pipe as per direction of Engineer In charge.

3. Beyond the bottom of the down take pipe all piping work shall be done under ground.
4. If draw off pipe is to pass through paved area, the contractor has to dismantle the pavement/ flooring, do the excavation up to desired depth, lay the pipes and specials as per requirement and have to make the floor good in original condition.
5. The trunk collector pipe from the plinth of building has to be taken to ground, through PVC bends as shown in drawing and has to be laid at least 300 mm below ground, or as directed by engineer in charge.
6. Before entry of water to strainer/ grit retainer pit, a tee along with sluice valves on both ends has to be provided, so that water from the first rain is washed through wash out line and not allowed to enter the strainer pit.
7. A strainer cum grit retainer pit having two chambers each of 1000 x 1000 size shall be constructed in RCC. The floor of strainer pit shall be 1000 mm below the draw of pipe and that of grit retainer pit shall be 500 mm below the floor of strainer pit. A vertical cement concrete zali of 1000 mm width and 20 mm wide perforations shall be fixed between two chambers to retain leafs and bigger particles.
8. The water from strainer pit shall flow to grit retaining chamber through this cement zali, where from it will flow to recharging well through PVC pipe.
9. The out let pipe from retainer pit shall be fixed 500 mm above floor, so that the grit and sand may settle in 500 mm depth and clear water may flow to recharging well.
10. The strainer pit and retainer pit both shall be covered with RCC slab casted in M: 25 grade cement concrete. A Ferro cement man-hole cover of 580 mm diameter shall be provided in the cover slab of both the chambers for cleaning the pits.
11. PCC of minimum 100 mm thickness in CC M: 10 shall be provided below RCC floor of both the pits.
12. All RCC walls, floor slab and cover slab shall be 100 mm thick with neat cement punning on inside surface. The reinforcement shall be 8 mm diameter cold twisted tor bars placed at 150 mm ctc both ways in the form of mesh.
13. The collector pipe from grit chamber shall lead to recharging well, constructed at a suitable place decided by Engineer in charge.
14. The recharging well shall be constructed with RCC Hume pipe class NP-3, the diameter of well shall be as directed by engineer in charge.
15. The RCC Hume pipes up to a depth of 2 m from ground shall be blind pipe, but below 2 m depth the pipes shall be perforated with 20 mm diameter holes at 300 mm ctc vertically and horizontally along the circumference of pipe, to allow rain water to flow to surrounding ground.
16. The recharging well shall not be provided with any floor, so as to allow the rain water to percolate in to ground. The RCC Hume pipes shall be placed over a foundation ring of 300 mm thickness and 400 mm width casted in Cement concrete grade M-20
17. Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.
18. Supplying, filling, spreading & leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.
19. Supplying, filling, spreading & leveling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads & lifts, all complete as per direction of Engineer -in- charge.
20. filling, spreading & levelling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness,
21. where shall be found rocky Stata up to depth of 10 meter, will be executed provision of bore well up to required depth or as per direction of Engineer-in-charge
22. Supplying, assembling, lowering and fixing in vertical position in bore well un plasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.200 mm nominal size

Damages to the rainwater harvesting system during the DLP, will be repaired by the contractor at his own cost. Damages to the rainwater harvesting system after the DLP, will be repaired by the contractor for which payment shall made by FSCL as per the prevailing HSR

Technical Specifications

This specification includes the following:

1. PVC pipes and fittings

PVC (polyvinyl chloride) shall be plain / spigot end nominal outside diameter (Nominal size) of DN- 160. The pipe shall be classified by pressure ratings as Class- 5, 1.0 MPa (10 kg/cm²). The supply of PVC pipes shall meet as per Indian standard IS: 4985:2000.

2. Handling and storage

PVC pipes shall be stored on racks in which case they should be adequately supported at intervals of four feet. For a six meter length of pipe there should be four or five supports. Pipes should not be staked under open area and it is staked under shade. On no account pipe should be dragged along the ground.

3. Trench preparation

The trench bottom should be carefully examined for the presence of hard objects such as flints, rock projections or tree roots. In uniform, relatively soft fine grained soils found to be free of such objects, and where the trench bottom can readily be brought to an even finish providing uniform support for the pipes over their length. The pipes shall be laid on sand bed with a thickness of 150mm. Trenching should not be carried out too far ahead of pipe laying. The trench should be kept as narrow as practicable but must allow adequate space for joining the pipes and placing and compacting the back fill. A width of 12 inch over the outside diameter of the pipe shall normally be found adequate for the purpose

4. Pipe laying

The pipe should be positioned in the trench so as to avoid any induced stress due to deflection. Any deviation required should be obtained by using pre formed pipes bends. At all times during the handling and joining of pipes every effort should be made to prevent the ingress of dirt any foreign material in to the bore of the pipe and if joining is stopped for a time the end of the last pipe should be blanked off temporarily.

5. Backfilling

PVC pipes although slightly flexible, are able to carry the external loads imposed upon them in underground laying because, being able to deform to a considerable degree without fracture they derive additional supporting strength from the lateral restraint afforded by the soil at the site of the pipes which opposes any increase in the horizontal diameter of the pipe. This lateral support is of prime importance in enabling the pipe to carry the external loads without excessive deformation. It is therefore important when laying PVC pipes to take adequate precaution to ensure that satisfactory compaction of the backfill, the lateral support is effective. As with pipes of other material it is necessary to ensure with PVC pipes that sharp objects such as large flints do not bear directly upon them and also that they are not placed where they may come into contact with them after the passage of time. In all cases care should be taken to remove all leveling pegs or temporary packing such as wooden wedges before backfilling.

6. Jointing

Methods of jointing PVC pipes The methods of jointing PVC pipes can be classified into two categories:

- i) Using solvent cement jointing (If PVC pipe is having spigot end at one side and socket end at other side)
- ii) Using fusion jointing (If PVC pipe is having socket ends at both the sides).

Both type of jointing is acceptable and any one method shall be adopted for jointing the pipes at site.

A) Using solvent cement jointing : This type of joints shall be meant for smaller diameter pipes like DN160. This joint shall be made by the application of solvent cement to the mating surfaces of the spigot and socket end of the pipes. It is often described as a cold weld joint. The spigot and socket of the pipe must be clean and dry. Roughen the surface with emery paper. If the ends are grossly contaminated clean them with acetone or methyl alcohol. Apply solvent cement relatively thick on the spigot and thin into the socket. For larger sizes allow the first coat to dry and apply a second coat. The spigot is pushed home into the socket.

B) Using fusion jointing : These types of joints are also used for smaller diameter pipes like DN 160. This joint shall be made by the application of heat to the mating surface of the socket ends and pushed into the sockets home each other.

7. Testing

Where pressure testing is conducted on a pipeline jointed throughout with end load bearing joints e.g., spigot and socket solvent weld, it is not absolutely necessary to backfill the pipe before applying the pressure test, although it will probably be more convenient to do so. The pressure test should be conducted before backfilling the trench. Before filling, the test to be carried especially to the joints inspected and test is judged satisfactory Solvent cemented pipelines should not be pressure tested until at least 24 hours after the last solvent cemented joint has been made. Since the pipes are used for conveying the rainwater, the pipes shall be tested for ordinary leak test with suitable pressure. Otherwise the pipes shall be tested with full of water to identify the leaks.

SECTION 8: ANNEXURES

PART A: Annexure A to G

ANNEXURE- "A"

MODEL RULES RELATING TO LABOUR, WATER SUPPLY AND SANITATION IN LABOUR CAMPS

Note: These model rules are intended primarily for labour camps which are not of a permanent nature. They lay down the minimum desirable standard which should be adhered to Standards in Permanent or semi-permanent labour camps should not obviously be lower than those for temporary camps.

- 1. Location:** The camp should be located in elevated and well drained ground in the locality.
- 2. Labour:** Huts are to be constructed for one family of 05 persons each. The layout is to be shown in the prescribed sketch.
- 3. Hut line:** The huts to be built of local materials. Each hut should provide at least **20 Sqm.** of living space.
- 4. Sanitary facilities:** There shall be provision of latrines and urinals at least **15 M** away from the nearest quarter separately, for men and women specially so marked.
- 5. Latrines:** Pit provided at the rate of 10 users or three families per set. Separate Urinals as required as the privy can also be used for this purpose.
- 6. Drinking water:** Adequate arrangement shall be made for the supply of drinking water. If practicable, filtered and chlorinated supply shall be arranged. Where supply is from intermittent sources, an overhead covered storage tank shall be provided with a capacity of five litres per person per day. Where the supply is to be made from a well it shall conform to the sanitary standards laid down in the report of the Rural Sanitation Committee. The well should be at least 30 meters away from any latrine or other sources of pollution. If possible a hand pump should be installed for drawing the water from well. The well should be effectively disinfected once every month and quality of water should be got tested at Public Health institution between each work of disinfection. Washing and bathing should be strictly prohibited at places where water supply is from a river. The daily supply must be disinfected. In the storage reservoir and given at least 3 minutes contact with the disinfectant before it is drawn for use.
- 7. Bathing and Washing:** Separate bathing and washing place shall be provided for men and women for every **25 persons** in the camp. There shall be a gap and space of **2 Sqm.** for washing and bathing. Proper drainage for waste water should be provided.
- 8. Waste disposal:** Dustbins shall be provided at suitably place in camp and the residents shall be directed to throw all rubbish into these dustbins. The dustbins shall be provided with covers. The contents shall be removed every day and disposed of by trenching or through Municipal solid waste disposal system, if the same exists.
- 9. Medical facilities.**
 - a) Every camp where **1000 or more persons** reside shall be provided with full time doctor and dispensary. If there are women in the camp a full time nurse shall be employed.
 - b) Every camp where less than 1000 but more than 250 persons reside shall be provided with dispensary and a part time nurse/midwife shall also be employed.
 - c) If there are less than 250 persons in any camp a first aid kit shall be maintained by the in- charge of the whole time persons. All medical facilities mentioned above shall be for all residents in the camp, including a dependent of the workers, if any, free of cost. Sanitary Staff: For each labour camp there should be qualified sanitary Inspector & Sweepers should be provided in the following scale:
 1. For Camps with strength over 200 One Sweeper for every 75 persons but not exceeding 500 persons above the first 200 for which three sweepers should be provided.
 2. For camps with strength over 500 One sweeper for every 100 persons above the first 500 for which six Sweepers should be provided.

ANNEXURE – “B”
BIDDER’S LABOUR REGULATIONS.

The Bidder shall pay not less than fair wage to Labourers engaged by him in the work.

Explanation:

- a) “Fair Wages” means wages whether for time or piece work as notified at the time of inviting tenders for the works and where such wages have not been so notified the wages prescribed by the Labour Department for the division in which the work is done.
- b) The Bidder shall, notwithstanding the provisions of any contract to the contrary, cause to be paid a fair wage to labourers indirectly engaged on the work including any labour engaged by his sub- Bidders in connection with the said work as if labourers had been immediately employed by him.
- c) In respect of all labour directly or indirectly employed on the works on the performance of his contract, the Bidder shall comply with their cause to be complied with the labour act in force.
- d) The Chief Executive Officer/ Engineer in-charge shall have the right to reduce from the money due to the Bidder any sum required or estimated to be required for making good the loss suffered by a worker or workers by reason of non-fulfilment of the conditions of the contract for the benefit of the workers, non-payment of wages or the deductions made from his or their wages, which are not justified by the terms of the contract or non-observance of regulations.
- e) The Bidder shall be primarily liable for all payments to be made under and for the observance of the regulations aforesaid without prejudice to his right to claim indemnity from his sub-Bidders.
- f) The regulations aforesaid shall be deemed to be a part of this contract and any breach thereof shall be deemed to be breach of this contract.
- g) The Bidder shall obtain a valid license under the contract (Regulations and Abolition) Act in force and rules made there under by the competent authority from time to time before commencement of work and continue to have a valid license until the completion of the work. Any failure to fulfil this requirement shall attract the penal provisions of this contract arising out of the resulted non-execution of the work assigned to the Bidder.

ANNEXURE 'C'

**FORM OF CERTIFICATE OF INCOME TAX TO BE SUBMITTED BY BIDDER TENDERING FOR WORKS
COSTING 2.00 LAKHS OR MORE.**

1. Name and Title (of the company/firm (HUF) or individual) in which the applicant is assessed to Income Tax and Address for the purpose of assessment.
2. The Income tax Circle /Ward /District in which the applicant is assessed to income tax.
3. Following particulars concerning the last Income tax assessment made. a) Reference No. (or GIR No.) of the assessment
b) Assessment year and accounting year. c) Amount of total income assessed.
d) Amount of tax assessed IT, ST, EPT, and BPT
e) Amount of tax paid IT, ST, EPT, and B.P.T.
f) Balance being tax not yet paid and reasons for such arrears.
g) Whether any attachment or certificate proceedings pending in respect of the arrears.
h) Whether the company or firm or HUF on which the assessment was made has been or is being liquidized wound up, dissolved, partitioned or being declared insolvent, as the case may be.
i) The position about latter assessment namely whether returns submitted under Section 22(1)or (2) of the Income Tax Act, and whether tax paid under, "Section 18A of the Act and the amount of tax so paid or in arrears.
4. In case there has been no Income tax assessment at all in the past, whether returns submitted under section 21(1) or (2) and 18-A(3) and if so, the amount of Income Tax returned or tax paid and the Income Tax Circle/ Ward/District concerned.
5. The Name and address of branch (es) verified the Particulars set out above and found correct subject to the following remarks.

Dated:

Signature of I.T.I.

ANNEXURE-D
SAFETY CODE

1. Scaffolding:

- (i) Suitable scaffold should be provided for workman for all works that cannot safely be done from the grounds or from solid construction except such short period work as can be done safely from ladder is used on extra labour shall be engaged for holding the ladder for carrying materials as well suitable foot holes and hand holds shall be provided on the ladder and the ladder shall be given an inclination not steeper than $\frac{1}{4}$ to $\frac{1}{4}$ Horizontal and 1 vertical).
- (ii) Scaffolding or staging more than 12 M above, the ground floor swung or suspended from an overhead support or erected with stationer/support shall have a guard rail property attached, bolted, braced or otherwise secured at least 1 meter high above the floor platforms of such scaffolding or staging and extending along the entire length of the outside the ends thereof with only such opening as may be necessary for the delivery of the materials. Such scaffolding or staging shall be fastened as to prevent it from swaying from the building of structure.
- (iii) Working platform gangways and stairway should be so constructed that they should not away unduly or unequally and if the height of the platform of the Gangway or the stairway is more than 3.54 meters above ground level and or floor level they should be closely bearded, should have adequate width and should be suitably fenced as described (ii) above.
- (iv) Working platform be provided with suitable means to prevent the falling of persons or materials by providing suitable fencing or railing whose minimum height shall be 1 meter.
- (v) Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed. No portable ladder shall be over 9 meter in length while the width between side rails in ring ladder shall be in no case be less than 0.3 meters from ladder up to and including 3 meter length. For longer ladders this width should be increased at least 2 cm. For each additional meter of length. Uniform step spacing shall not exceed 0.3 M adequate precaution shall be taken to prevent danger form electrical equipment. No material on any of the work site shall be so stacked or placed as to cause danger or inconvenience to any person or the public. The Bidder shall also provide all necessary fencing and lights to protect the public from accident and shall be bound to bear the expenses of defence of every suit action or other precautions of law that may be brought by any person for injury sustained owing to neglect of the above and to pay any damages and costs which may be awarded in any such suit action or proceeding to any such person or which may with consent of the Bidder be paid to compromise by any such person.

1. Excavation and Trenching: All trenches 1.2 meter or more in depth, shall at all times be supplied with at least one ladder for each 30 Meter in length or fraction thereof. Ladder shall be extended from bottom of the trench to at least 1 meter above the surface of the ground. The side of trenches which are 1.5 meter or more in depth shall be stepped back to give suitable slopes or securely held by timber bracing so as to avoid the danger of sides to collapse The excavated materials shall not be placed within 1.5 meter of the edge of the trench or half of the depth of the trench whichever is more. Cutting shall be done from top to bottom. Under no circumstances undermining or under cutting shall be done.

2. Demolition: Before any demolition work is commenced and also during the process of the works.

- (a) All roads and open area adjacent to the work site shall either be closed or suitably protected.
- (b) No electric cable or apparatus which is liable to be a source of danger over a cable or apparatus used by the operator shall remain electrically charged.
- (c) All precautionary steps shall be taken to prevent danger to persons employed from risk of fire or explosion of flooring. No floor roof or other part of the building shall be so overloaded with debris of materials as to render it unsafe.

3. Painting: All necessary personal safety equipment as considered adequate by the Engineer-in-charge should be kept available for the use of person employed on the site and maintained in a condition suitable for immediate use and the Bidder should take adequate steps to ensure proper use of equipment by those concerned.

- a) Workers employed on mixing asphaltic materials cement lime mortars shall be provided with protective footwear and. protective goggles.
- b) Stone brackets shall be provided with protective goggles and protective clothing, and seated at sufficiently safe intervals.
- c) Those engaged in welding works shall be provided with welder's protect.
- d) When workers are employed in sewers and manholes which are in use, the Bidders shall ensure that the manhole covers are open and are ventilated at least for an hour before the work shall be coronet off with suitable railing and provided with warning signals or boards to prevent accident to the public.

- e) The Bidder shall not employ men below the age of 19 and women on the work of painting with products containing lead in any form whenever men above the age of 18 are employed on the work of lead painting the following precautions should be taken.
 - f) No paint containing lead or lead shall be used except in the form of paste or readymade paint.
 - i) Suitable face masks should be supplied for use by the workers when paint applied in the form of spray or a surface having lead paint dry rubble and scrapped.
 - ii) Overhauled shall be supplied by the Bidder to the workman and adequate facilities shall be provided to enable the working painters to wash during the cessations of work.
 - Drawing: When the work is done near any place where there is risk a drawing of all necessary equipment should be provided and kept ready for use and all necessary steps taken for prompt rescue of any person in danger and adequate provision should be made for prompt first aid treatment for all injuries likely to be sustained during the course of the work.
4. Every crane driver or hosing equipment operator shall be properly qualified and should not have any personal disorder. Such person must be of a minimum age of 21 years.
 - a) In case of every hoisting machine and every chain ring lowering or as means of suspensions. The safe working load shall be ascertained by adequate means. Every hoisting machine and gear referred to above shall be plainly marked with the safe working load. In case of hoisting machine having a variable safe working load of the conditions under which it is applicable shall be clearly indicated. No part of any machine or of any gear referred to above in this paragraph shall be loaded beyond the safe working load except for load purpose of testing.
 - b) In case of departmental machine the safe working and load shall be notified by the Electrical Engineer-in-charge. As regarded Bidder's machine the Bidder shall notify the safe working load of the machine to the Engineer-in-charge, whenever he brings any machinery to site of work and get verified by the Electrical Engineer concerned.
 - c) Motors, gearing transmission, Electric wiring and other dangerous part of the hoisting appliance should be provided with efficient safe guards and with such means as well reduce adequate precautions should be taken to reduce to the minimum the risk of any part of a suspended load be coming accidentally displaced When workers employed on Electrical installations which are already unregistered insulating mats wearing apparel such as gloves sleeves and boots as may be necessary should be provided the workers should not wear rings, watches and carry keys, or other materials which are good conductors of electricity.
 5. All scaffolds, ladders and their safety device mentioned or described herein shall be maintained in safe condition and no scaffold ladder or equipment shall be altered or removed while it is in use. Adequate washing facilities shall be provided at or near places of work.
 6. These safety provisions should be brought to the notice of all concerned by display on a Notice Board at prominent places at the work spot. The persons responsible for compliance of the safety code shall be named therein by the Bidder.
 7. To ensure effective endorsement of the rules and regulations relating to safety precautions the arrangement made by the Bidder shall be open to inspection by the Labour Officer, Engineer-in-charge, or the Department or their representatives.
 8. Notwithstanding the above clause (1) to (9) there is nothing in these three except the Bidders to exclude the operations of any other act or rule in force in the Republic of India.
 9. The bidder has to place the safety sign board in the work area which should be properly visible to prevent any accident.
 10. The bidder has to take 3rd party Insurance of the work area, equipment(s), Tools and Tackles.
 11. The bidder shall keep the Safety Engineer / Officer who shall take care for safety related issues and shall be present on work area on full time basis during construction work.

ANNEXURE – E

List showing the name of near relative working in FSCL as required vide

S. No.	Name of Officers working in FSCL,	Relationship with self	Name of Person working with the Bidder who are near relative to officer mentioned in column(2)	Relationship
1	2	3	4	5

ANNEXURE-F
GENERAL SPECIFICATION

1. The successful Bidder shall carry out the construction of Rain water harvesting system for ABD area as per the approved drawings which shall be provided by FSCL. All norms of IS/NBC shall be fully complied. Before commencing construction work the successful bidder shall submit the construction plan to FSCL. The Authority shall study all such submissions and either approve the same or provide its suggestions or comments on the submissions. The successful bidder shall duly incorporate all such suggestions or comments, and if required by the Authority, and make fresh submissions to the Authority for approval. In no case shall any work be commenced by the successful bidder before obtaining all necessary approvals from the Authority. The bidder shall always commence the construction work as per Approved drawings provided by FSCL.

All designs must fully take into account conditions/terms stipulated in Section 2: Instruction to Bidders, Or any other conditions mentioned elsewhere in the Tender document.

2. It is to be noted that the works are in the ABD area of the proposed smart city and as such is prone to many challenges from the residents and users. The bidder shall cooperate with the FSCL in resolving the challenges.
3. The Rain water harvesting works shall be constructed in such a way that it will not damage the existing facilities and the entire existing operations function normally.

General Specifications:

All material should be ISI mark / ISO 9000 accredited company or manufactured by Public sector/Govt. Owned Companies or of the firms of repute. However Govt. / Public Sector makes are preferred makes. It is necessary to mention make of equipment Bidder intends to use. If Bidder does not mention make, the Owner would be free to mention the make of his choice.

Notes:

1. Complete copies of the drawings & Designs must be submitted by the successful bidder for obtaining approval of the Authority before commencing works.
2. General specification for work following order of priority regarding specification for work shall be followed by the Bidder.
 - b) (i) Relevant B.I.S. Specification.
 - c) (ii) Specifications as may be given in writing by the Engineer-in-charge from time to time.
 - d) (iii) C P.W.D / Haryana P.W.D. specification/N.B.O./MORTH.
3. Nothing in these clauses, however, shall curtail the right of the “Engineer-In- Charge” to alter the specification for any part or whole of the work, if he considers it necessary in the interest of work. On all matters where there is a deference of opinion between the Bidder and the Engineer-In-Charge the matter will be referred to the Chief Executive Officer, FSCL whose decision will be final conclusive and binding on the Bidder.
4. The Bidder shall ensure the quality and workmanship of work as per approved drawings.
5. The existing development should not be damaged by the successful Bidder and he should hand them back as in original constructed condition.
6. Materials to be get approved before providing, execution and installation from the Engineer-in- charge. Further the bidder shall provide Ready Mix Challan clearly indicating the mix time, cement quantity, setting times, etc.
7. **The Bidder shall supply manufacturing certificates along with the supply of materials.**

LIST OF APPROVED MANUFACTURERS/MAKES:-

All material should be ISI mark / ISO 9000 accredited company or manufactured by Public sector/Govt. owned Companies or of the firms of repute. However Govt. / Public Sector makes are preferred makes. It is necessary to mention make of equipment Bidder intends to use. If Bidder does not mention make, the Owner would be free to mention the make of his choice.

S.No.	MATERIAL	MAKE
1	Structural/Reinforcement Steel:	: SAIL/TATA/RINL/Steel producers having license from BIS
2	Cement:	: ACC/Ultra tech/Century/Lafarge/Ambuja
3	UPVC pipes	Astral / Finolex / Prince / Supreme
4	RCC Pipes	K K / Local & Approved Pranali
5	Ready/Mixed concrete	ACC/L&T/Ultratech/RMC/Godrej
6	CI covers	NECO / SRIF / Raj Iron Foundry Agra

ANNEXURE G: TESTING & SPECIFICATION OF MATERIAL

FOR WORKS:

i) Rates include the element of testing of samples of various materials brought by the Bidder for use in the work as per list of mandatory tests attached herewith. Frequency of such tests to be carried out shall not be less than the prescribed frequency. Bidder shall arrange a third party testing agency which shall be approved by the Engineer-in-charge. The tests shall have to be conducted by the Bidder's material under the supervision of Engineer-in-charge or his authorized representative. A record of such tests shall be maintained in a duplicate register at site of work Duplicate copies of such tests shall be submitted to office along with running account bills. The original register shall also be submitted along with the final bill. Failure to conduct any of the test or not up to the prescribed frequencies would invite following consequences. The Engineer-in-charge may reject the work, but if in his opinion the work can be accepted despite the aforesaid shortcomings, then he may do so subject to a recovery of money to be decided by the E in C for each default and simultaneously inform the Chief Executive Officer.

ii) Wherever applicable As regards steel reinforcement; TMT Steel – confirming to IS-1786:2008 shall be provided.

All reinforcement shall be free from loose mill scales, loose rust and coats of paints, oil, mud or other costing which may destroy or reduce bond.

Only such steel as is obtained from main producers of steel as indicated in the approved makes list.

The Bidder shall have to produce Test Certificate in the Performa prescribed/ approved by B.I.S. from the manufacturer for every batch of steel brought to site of work.

Before commencement of use of steel, from any batch, brought to site of work by the Bidder, the Engineer-in-charge shall arrange to get samples tested for nominal mass, tensile strength, bend test and rebind test from any Laboratory of his choice at the cost of Bidder. The selection of test specimens and frequency shall be as per relevant I.S. Specification of steel to be used.

iii) Where, contract provides for cement to be arranged by the Bidder himself, only M25 Grade and above cement of relevant I.S. standard specifications shall be allowed to be used in the work subject to the following tests. The arrangement for necessary equipment and testing shall have to be made by the Bidder, himself at a site to be decided by the Engineer-in-charge. All expenses shall be borne by the Bidder. Any lot of cement brought to site by the Bidder would be permitted to be used in the work under the supervision of the Engineer-in-charge or his authority's representative. The record of the tests results shall be maintained in the register referred in subsequent Para.

iv)

Type of Test	Frequency	Minimum
a) Test for initial & final /setting time as per IS: 4031 (Part 5)-1988.	1st Test for 10 tonnes or part thereof	10 tonnes
b) Test for determination of compressive strength of cement as per IS: 4031 (Part 6)-1988.	1st test for 50 tonnes or part thereof.	50 tonnes

A Duplicate register as per format hereunder shall be maintained at site of work. Extract certified copies of the entries for each month shall be submitted to the Engineer-in-charge by the Bidder. The original register shall also be submitted to the Engineer-in-charge on completion of the work by the Bidder.

S. No	Place of receipt of cement	No. of bags	Name and Address of firm From whom Purchased	Signature of Bidder or his authorized representative	Signature of authorized representative of Engineer- in charge.	Results of test for initial and final setting time	Result of tests for compressive strength of cement	Remark
1	2	3	4	5	6	7	8	9

When the strength of concrete required is up to M-20, then O.P.C. conforming to I.S.: 269-2013 or PPC conforming to IS: 1498-1976 may be used.

When the strength of concrete required is more than M-20 but up M-30, the O.P.C. Conforming to IS: 8112-2013 shall be used.

Nominal mix would be adopted for Cement concrete M-7.5 M-10 and M-15. Design mix shall have to be adopted for concrete of higher strengths.

iv) If any item of work found to be substandard by the Engineer-in-charge who is the opinion that the same is structurally

adequate and can be accepted at a reduced rate, then in such cases, the Engineer- in-charge shall have to submit proposals for appropriate reduction of rates supported by an analysis, in justification thereof, through a D.O. Letter to the commissioner to obtain his approval expeditiously (ordinarily within 15 days). The approved analysis along with orders of the Chief Executive Officer shall have to be appended to the bills of the Bidder.

v) The Bidder shall have to be provided a ruled duplicate register at site named "Site Order Book" it shall be in the custody of departmental supervisory staff. The Engineer-in-charge or his authorized representative may record their instruction in this book, which shall be noted by the Bidder or his authorized representative for compliance.

vi) **Ready mix concrete :The bidder shall have to supply the ready-mixed concrete on either of the following basis :**

- i) Specified strength based on 28-day compressive strength of 15 -cm cubes tested in accordance with IS : 456-2000.
- ii) Specified mix proportion.

NOTE: Under special circumstances and as specified the strength of concrete in (a) above may be based on 28-day or 7-day flexural strength of concrete instead of compressive strength of 15-cm cube tested in accordance with IS : 456-2000.

When the concrete is manufactured and supplied on the basis of specified strength, the responsibility for the design of mix shall be that of the manufacturer and the concrete shall conform to the requirements specified.

When the concrete is manufactured and supplied on the basis of specified mix proportions, the responsibility for the design of the mix shall be that of the purchaser and the concrete shall conform to the requirements specified.

Pipes: The length of pipes shall be measured in running meter nearest to a centimetre along the center line of the pipes over all fittings such as collars, bends, junctions etc. Fittings/specials shall not be measured separately.

UPVC PIPES : The pipes shall be round and shall be supplied in straight lengths with socketed ends. The internal and external surfaces of pipes shall be smooth, clean, free from groovings and other defects. The ends shall be cleanly cut and square with the axis of the pipe. The pipes shall be designed by external diameter and shall conform to IS:4985-1981 or IS:13592. The pipes shall be of Class-III; 6 Kg/sqm pressure rating or type B.

Fittings

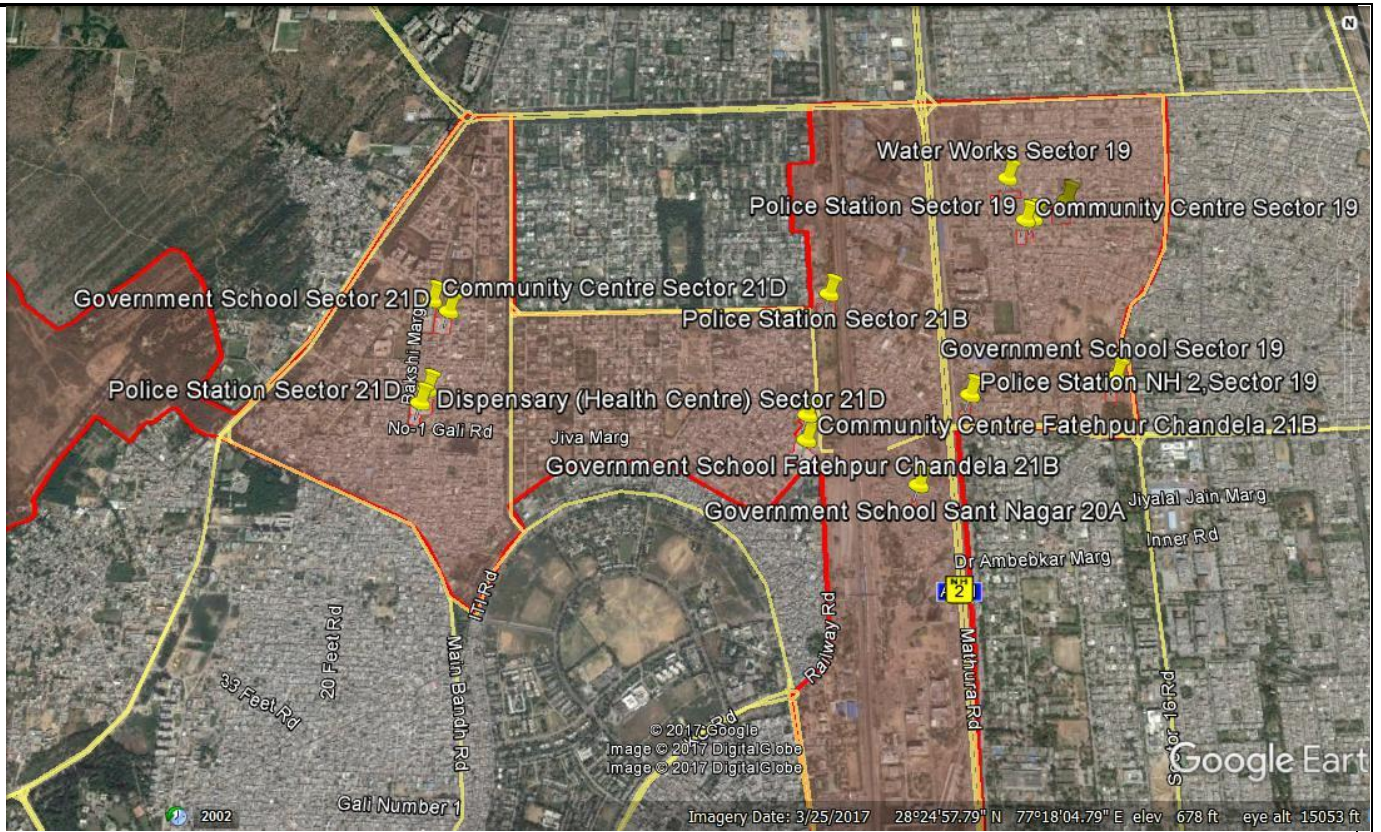
Fittings shall be of the same make as that of pipes, injection moulded and shall conform to IS:14735.

List of mandatory Tests:

Material	Test	Relevant IS code of testing	Field/Laboratory Test	Minimum Quantity of material work for Carrying out test.	Frequency of Testing
1	2	3	4	5	6
Cement concrete or reinforced cement concrete not leaner than M-15	Slump Test	IS: 1199	Field	15 Cum more	15 Cum or part thereof frequently by Engineer In charge
Reinforced cement concrete	Cube strength	For Building IS; 456, for bridges/ Culverts IRC: 21-1987	Field	15 Cum in slab 5 cum on Columns.	15 Cum
Steel (arranged by the Bidder)	a) Tensile strength	IS: 1608	Laboratory	20 tonnes	Every 20 tonne thereof, conforming to IS: 1786-1985 --do
	b) Bend test	IS: 1599	Laboratory	-do-	
Cement (arranged by the Bidder)	a) Test for Initial & Final setting.	IS: 4031-Part 5	Field	10 tonnes	IS: 4031-1988
	b) Test for determination of compressive strength of Cement.	IS: 4031 Part 6	Field	50 tonnes	-do-
Sand	a) Silt content.	IS:2386 Part III	Field		Every 20 cum or part or more frequently as by the Engineer-in charge. Every 20 Cum or part or more frequently as by the Engineer-in charge. -do
	b) Particle size distribution	IS: 2386 Part I	Field		
	c) Bulking of sand	IS: 2386 Part III	Field		
Stone Aggregate	a) Percentage of soft or deleterious material.		Central visual inspection, laboratory test where required by the Eng.-in-charge Or as Specified.	0.00 Cum	As required Engineer-in charge.
Ready Mixed Cement (IS-4926) concrete	Cube test	IS 516 and as per 6.3.2 of IS 4926-2003	Lab	50 Cum	On eper every 50 cum of production or every 50 batches, whichever is greater frequency

RCC Spun Pipes (NP-3 class)	a) Water test and leak test at joints		visual inspection	Water test with minimum head 1.2m and maximum 1.8 m	Check for head drop in the pipe for duration of 2 hrs. Check for the leakages at Joints.
Water for construction purposes	Ph value Limits of acidity percentage of solids chlorides suspended matter sulphates in organic solids and organic solids	IS 3025	Lab	Water from each source	Before commencement of work & there after mandatory- Once in 3 months from each source, Municipal supply - Optional
UPVC pipes	Entire drainage system shall be tested for water tightness and smoke tightness during and after completion of the installation. No portion of the system shall remain untested. Contractor must have adequate number of expandable rubber bellow plugs, manometers, smoke testing machines, pipe and fitting work tests,		Visual inspection	Water test with minimum head 1.2m and maximum 1.8	Check for head drop in the pipe for duration of 2 hrs. Check for the leakages at Joints.

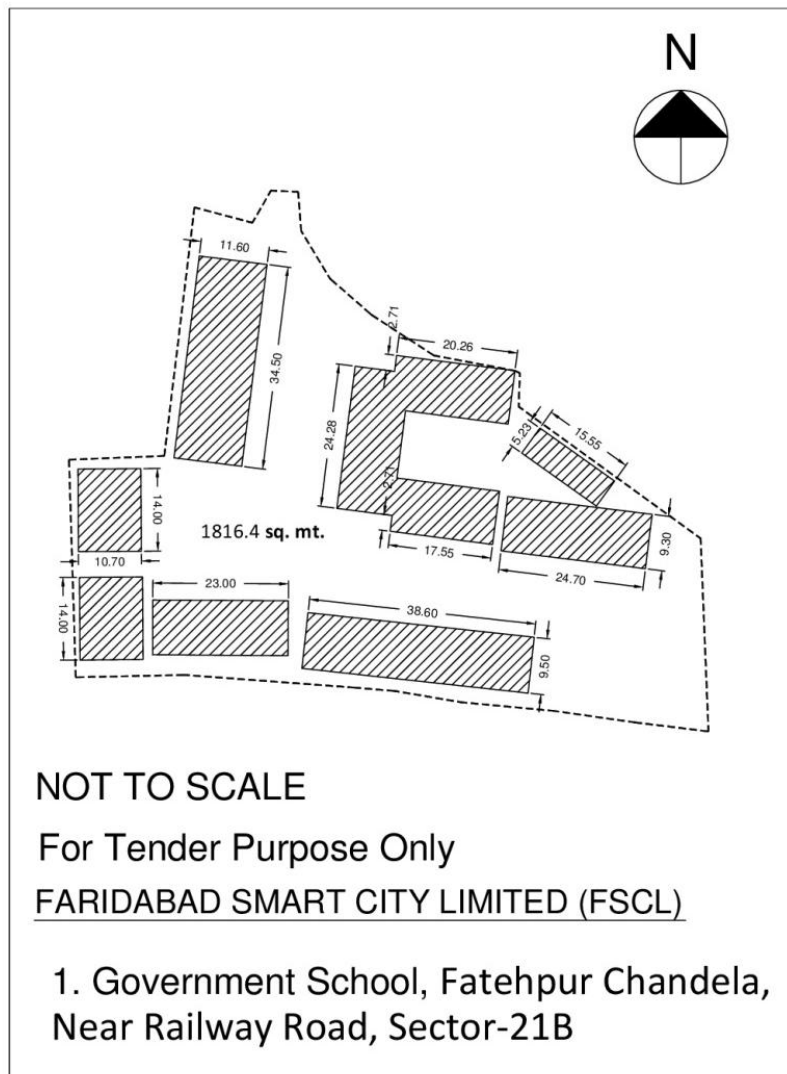
Location of Proposed Buildings for Rainwater Harvesting Systems (RWHS) in ABD in Faridabad City



LOCATION OF BUILDINGS IDENTIFIED FOR PROPOSED RAINWATER HARVESTING SYSTEMS (RWHS) IN ABD IN FARIDABAD CITY

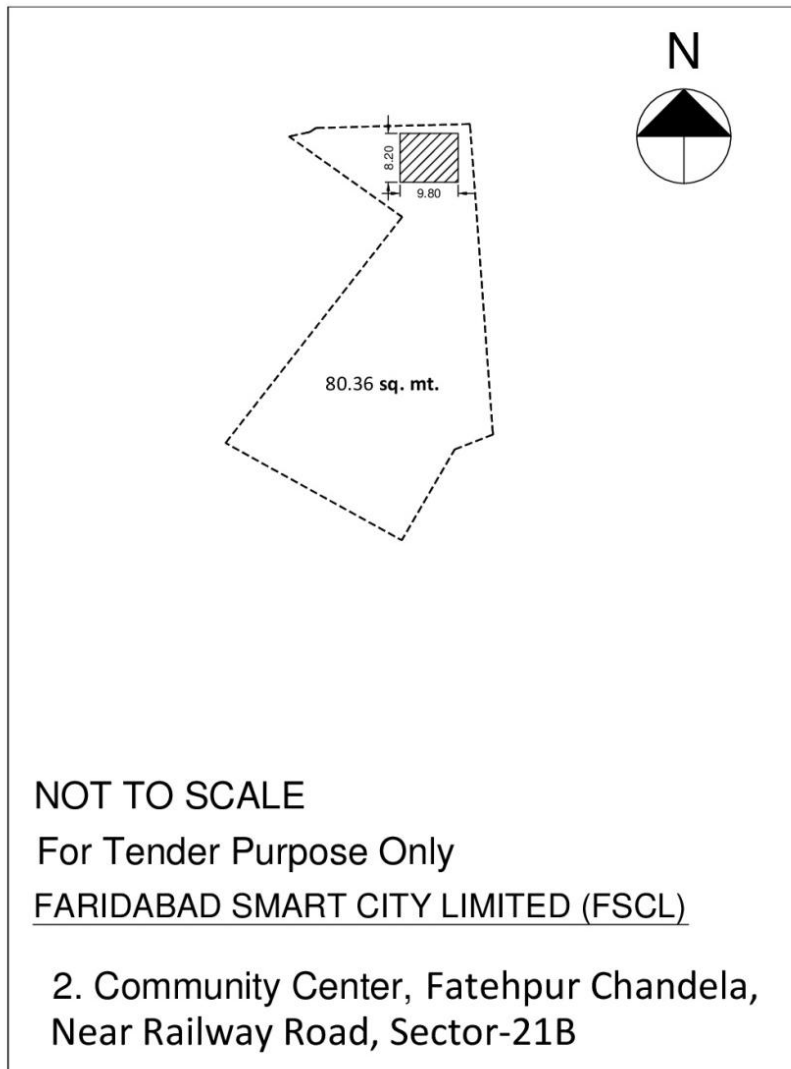
S.No	Building	Area (sq mt)	Location	Sector
1	Government School	1816.4	Fatehpur Chandela, Near Railway Road	Sector 21B
2	Community Centre	80.36	Fatehpur Chandela, Near Railway Road	Sector 21B
3	Police Post	336.12	Near Gold Field School	Sector 21B
4	Community Centre	398.4	Near Market, Bakshi Marg	Sector 21D
5	Government School	1216.324	Near Market, Bakshi Marg	Sector 21D
6	Dispensary	393.08	Bakshi Marg	Sector 21D
7	Police post	364	Bakshi Marg	Sector 21D
8	community Centre	396.4	Near Market-2	Sector 19
9	Police Post	228.1	Near Market-2	Sector 19
10	Dispensary	334.8	Near Market-2	Sector 19
11	police post	236.91	Rajiv Chowk, NH 2	Sector 19
12	Government School	298.08	Near Commissioner Office	Sector 19
13	Water Works	240.8	Near Market-2	Sector 19
14	Government School	198.696	Sant Nagar	Sector 20A

1. Location of Proposed RWHS in Government School, Fatehpur Chandela, Near Railway Road, Sector 21B



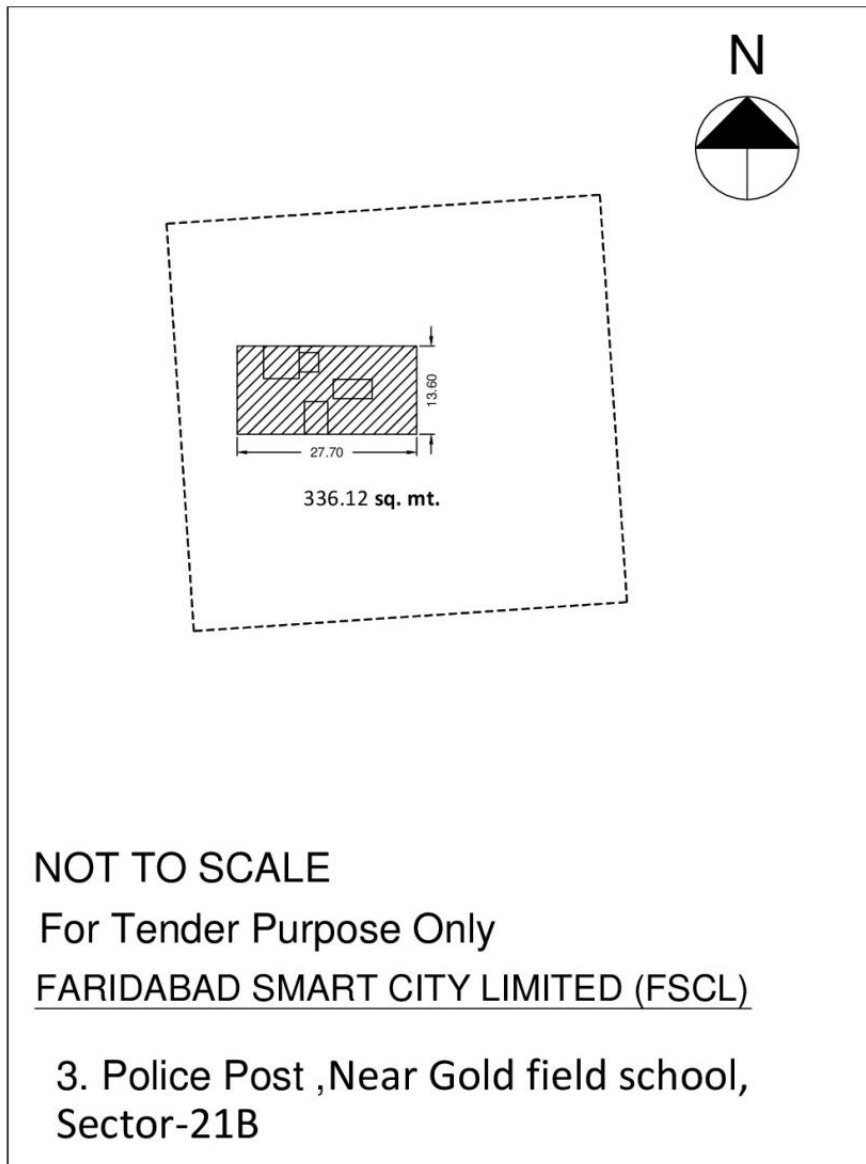


2. Location of Proposed RWHS in Community Centre, Fatehpur Chandela, Near Railway Road, Sector 21B



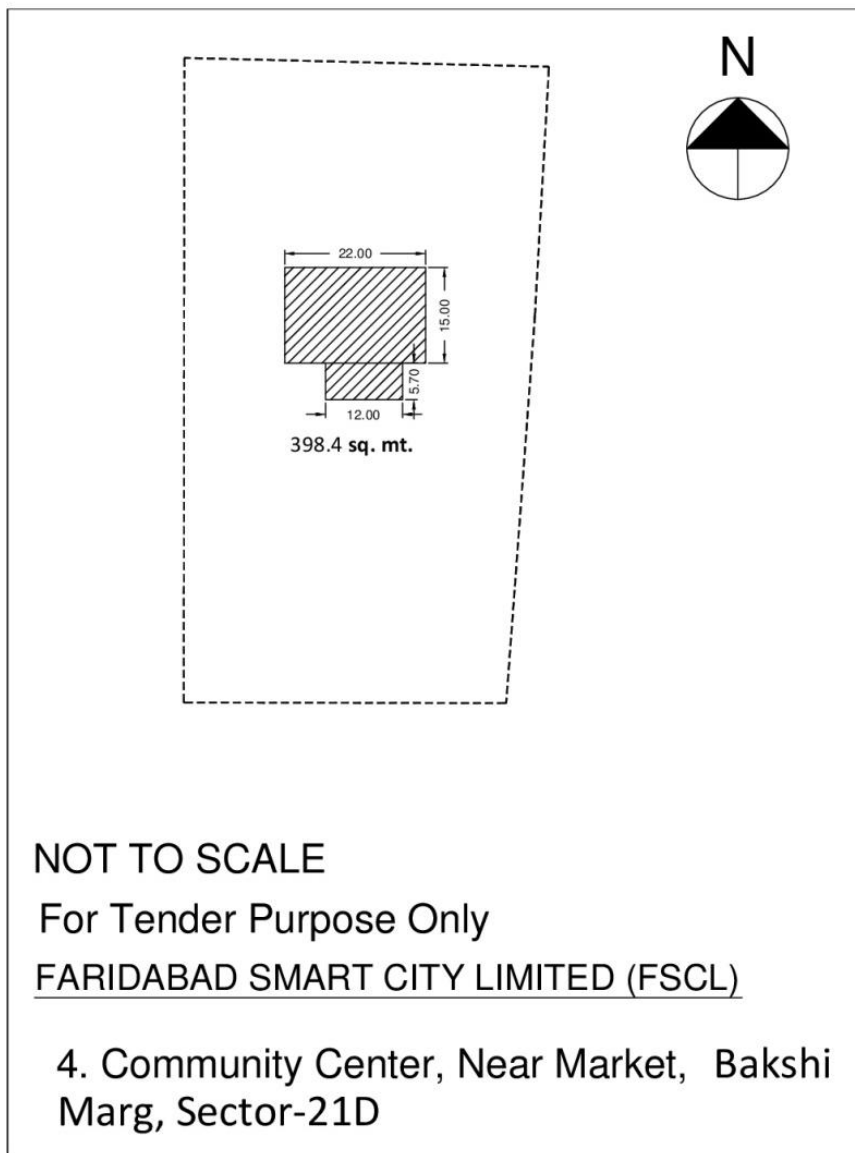


3. Location of Proposed RWHS in Police Post, Near Gold Field School, Sector 21B



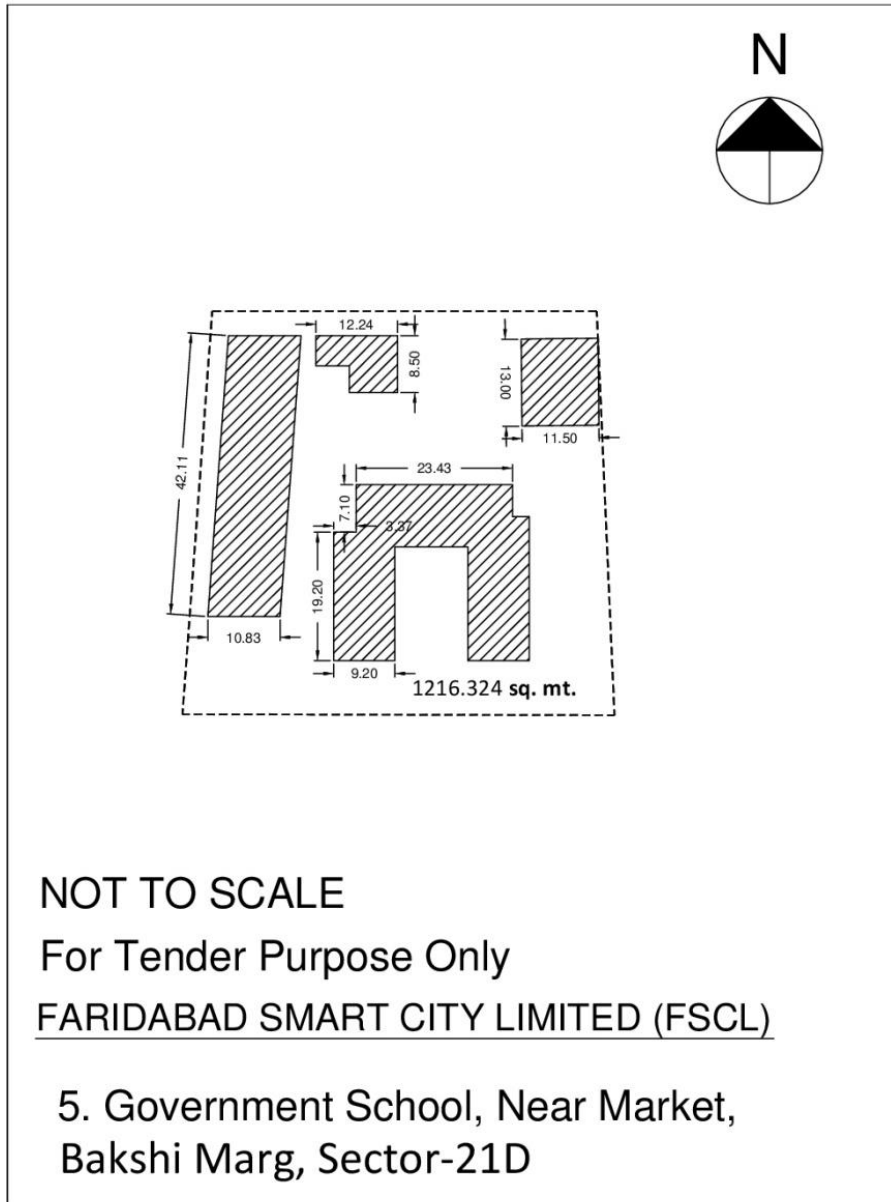


4. Location of Proposed RWHS in Community Centre, Near Market, Bakshi Marg, Sector 21D



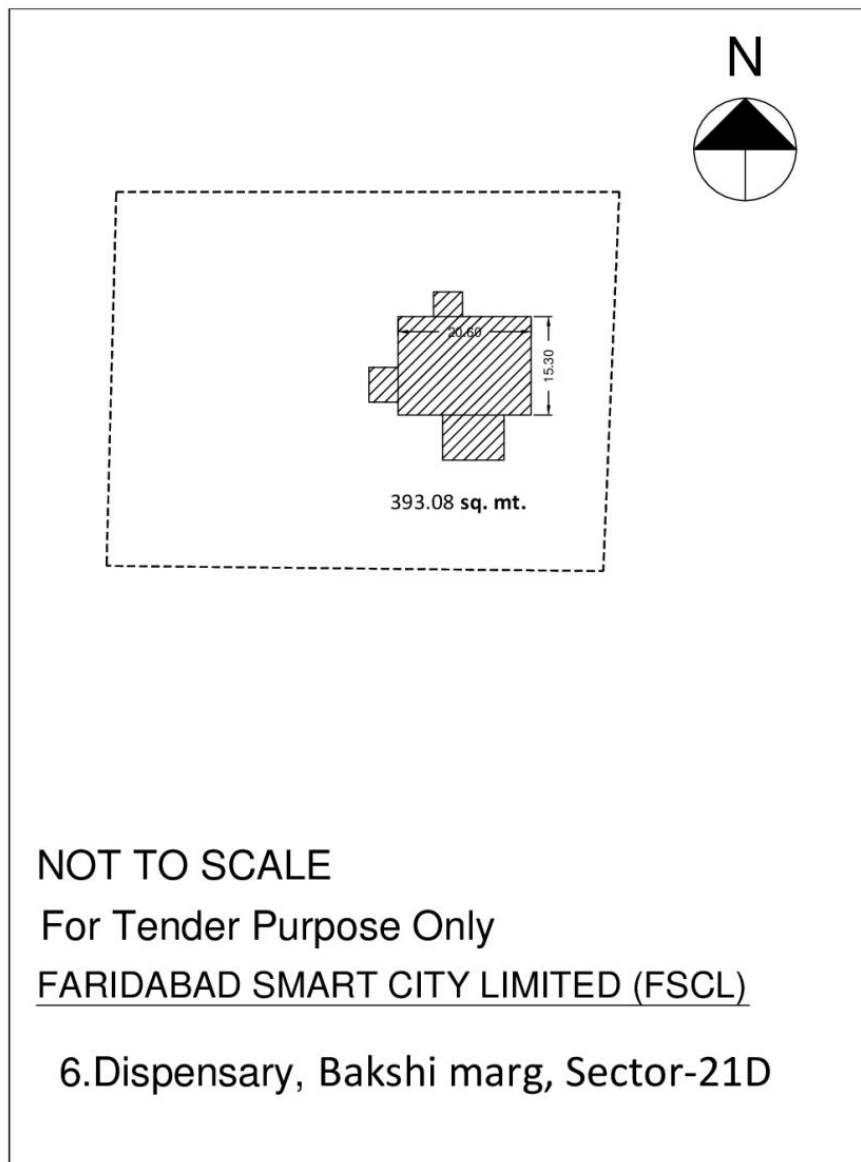


5. Location of Proposed RWHS in Government School, Near Market, Bakshi Marg, Sector 21D



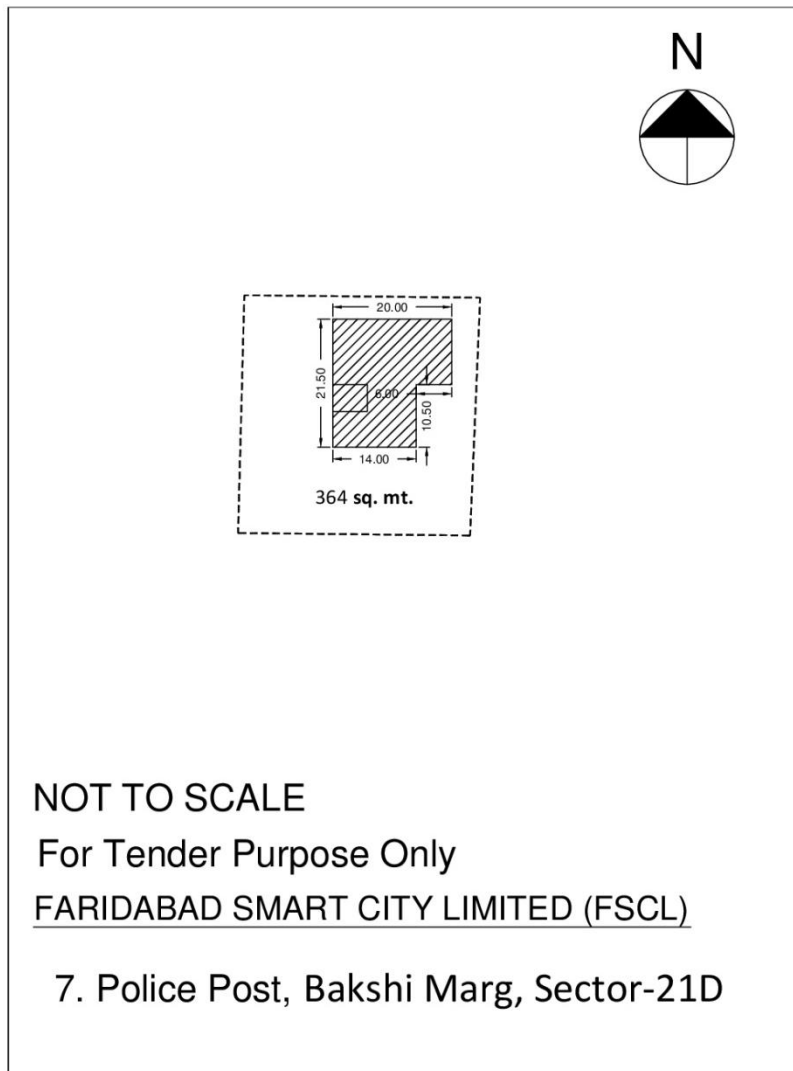


6. Location of Proposed RWHS in Dispensary, Bakshi Marg, Sector 21D



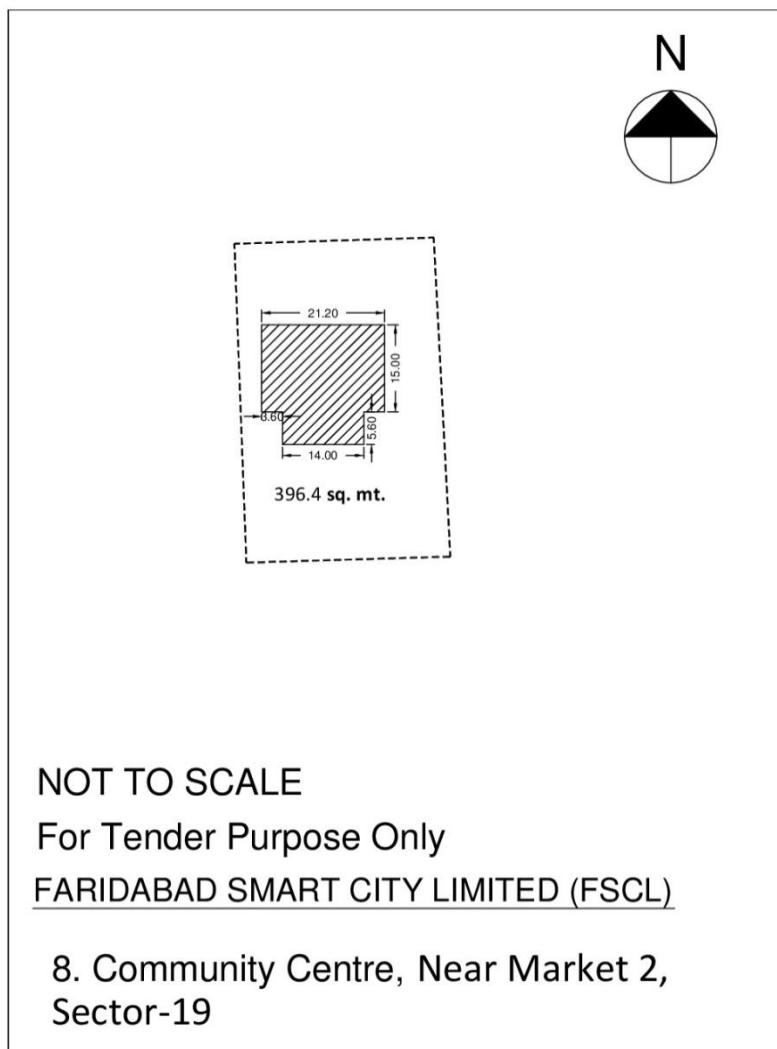


7. Location of Proposed RWHS in Police Post, Bakshi Marg, Sector 21D



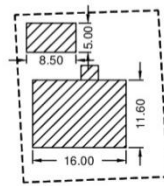


8. Location of Proposed RWHS in Community Centre, Near Market-2, Sector 19





9. Location of Proposed RWHS in Police Post, Near Market-2, Sector 19



228.1 sq. mt.

NOT TO SCALE

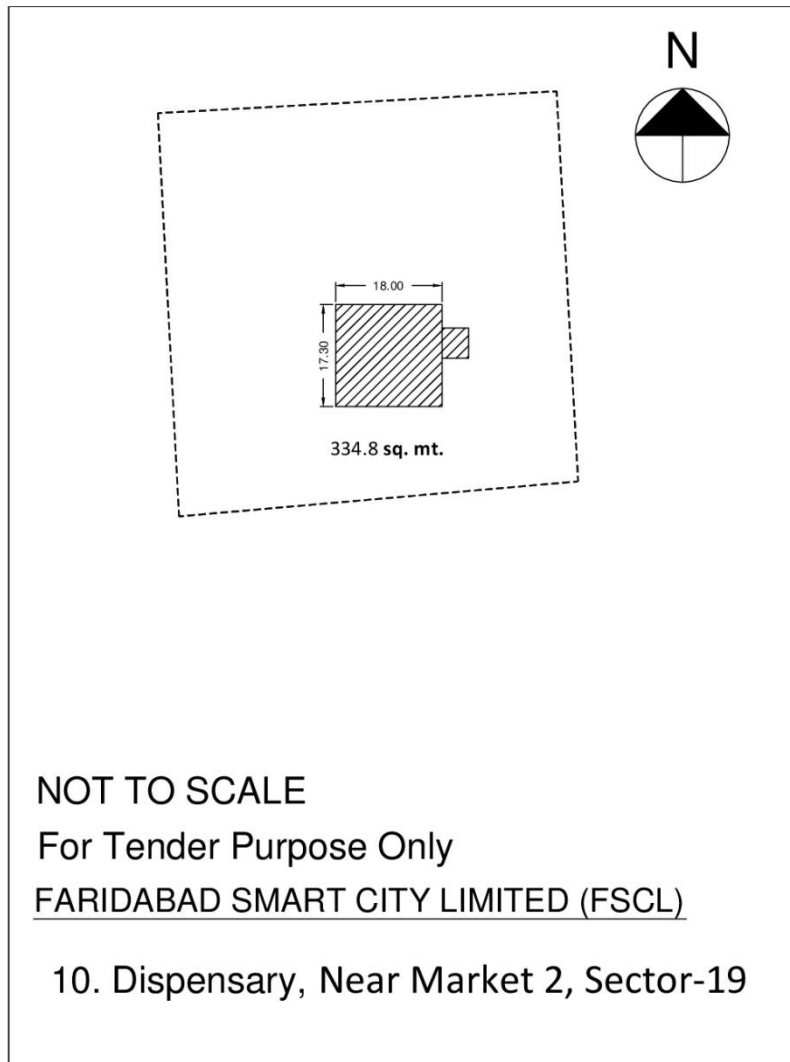
For Tender Purpose Only

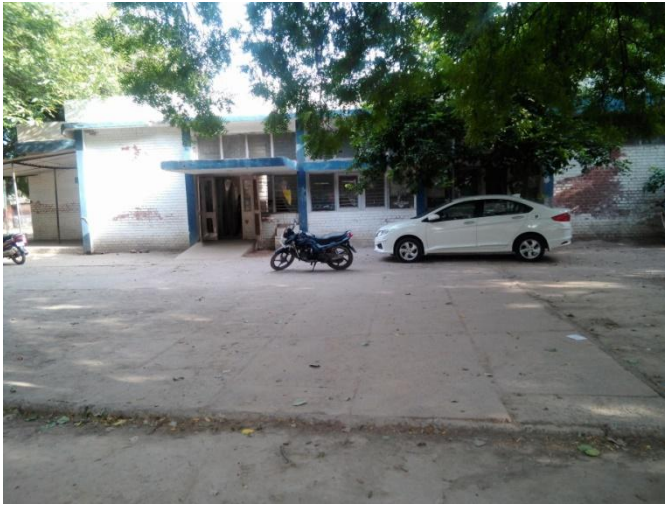
FARIDABAD SMART CITY LIMITED (FSCL)

9. Police Post , Near Market 2, Sector-19

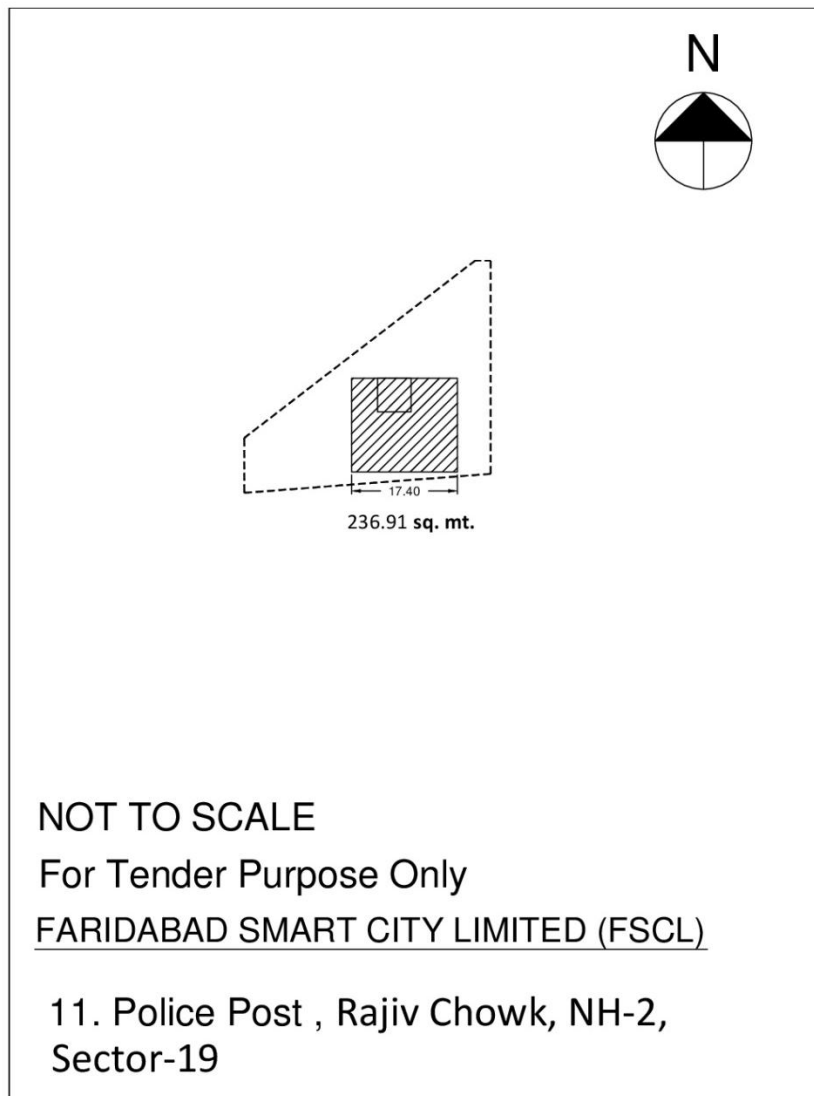


10. Location of Proposed RWHS in Dispensary, Near Market-2, Sector 19





11. Location of Proposed RWHS in Police Post, Rajiv Chowk, NH 2, Sector 19

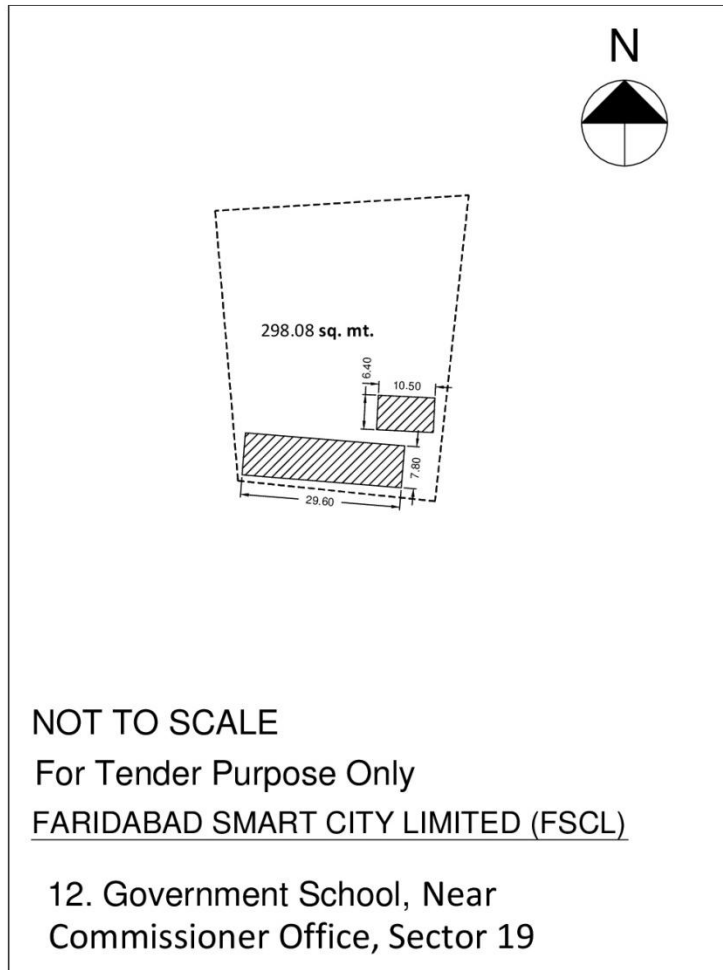


NOT TO SCALE
For Tender Purpose Only
FARIDABAD SMART CITY LIMITED (FSCL)

11. Police Post , Rajiv Chowk, NH-2,
Sector-19

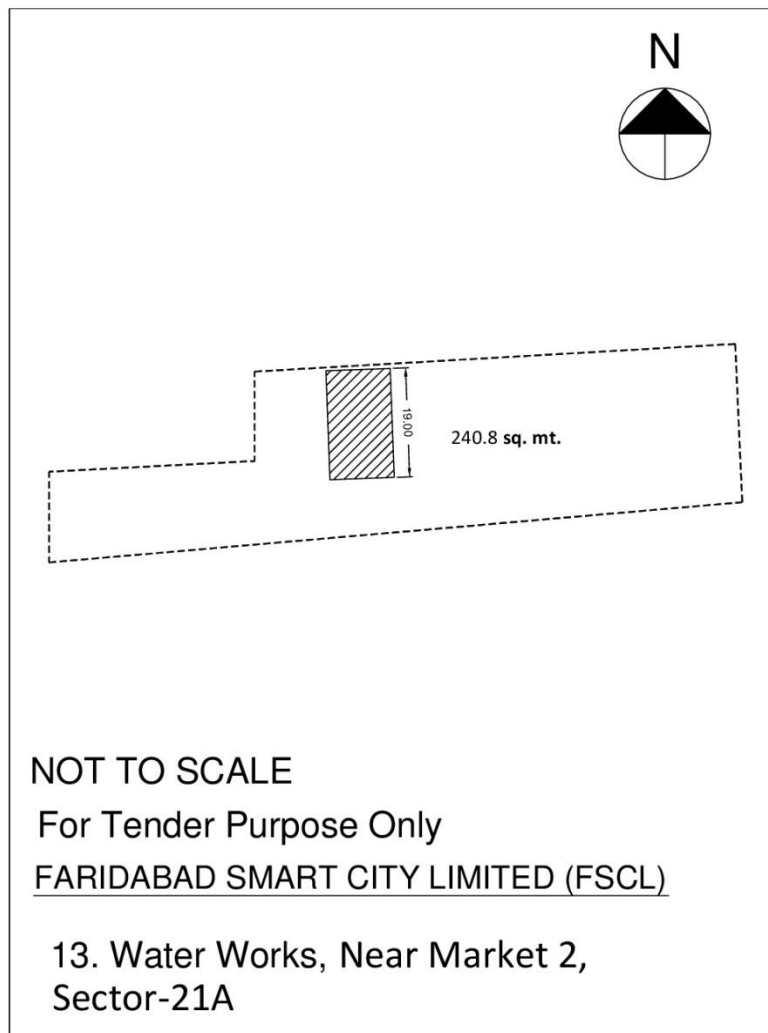


12. Location of Proposed RWHS in Government School, Near Commissioner Office, Sector 19



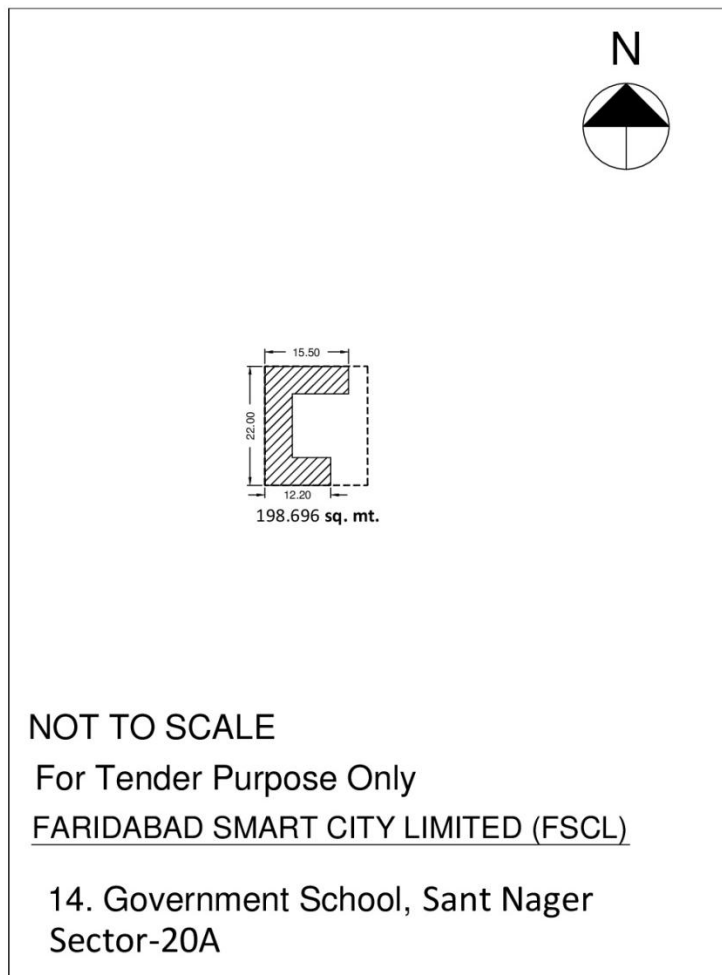


13. Location of Proposed RWHS in Water Works, Near Market-2, Sector 19



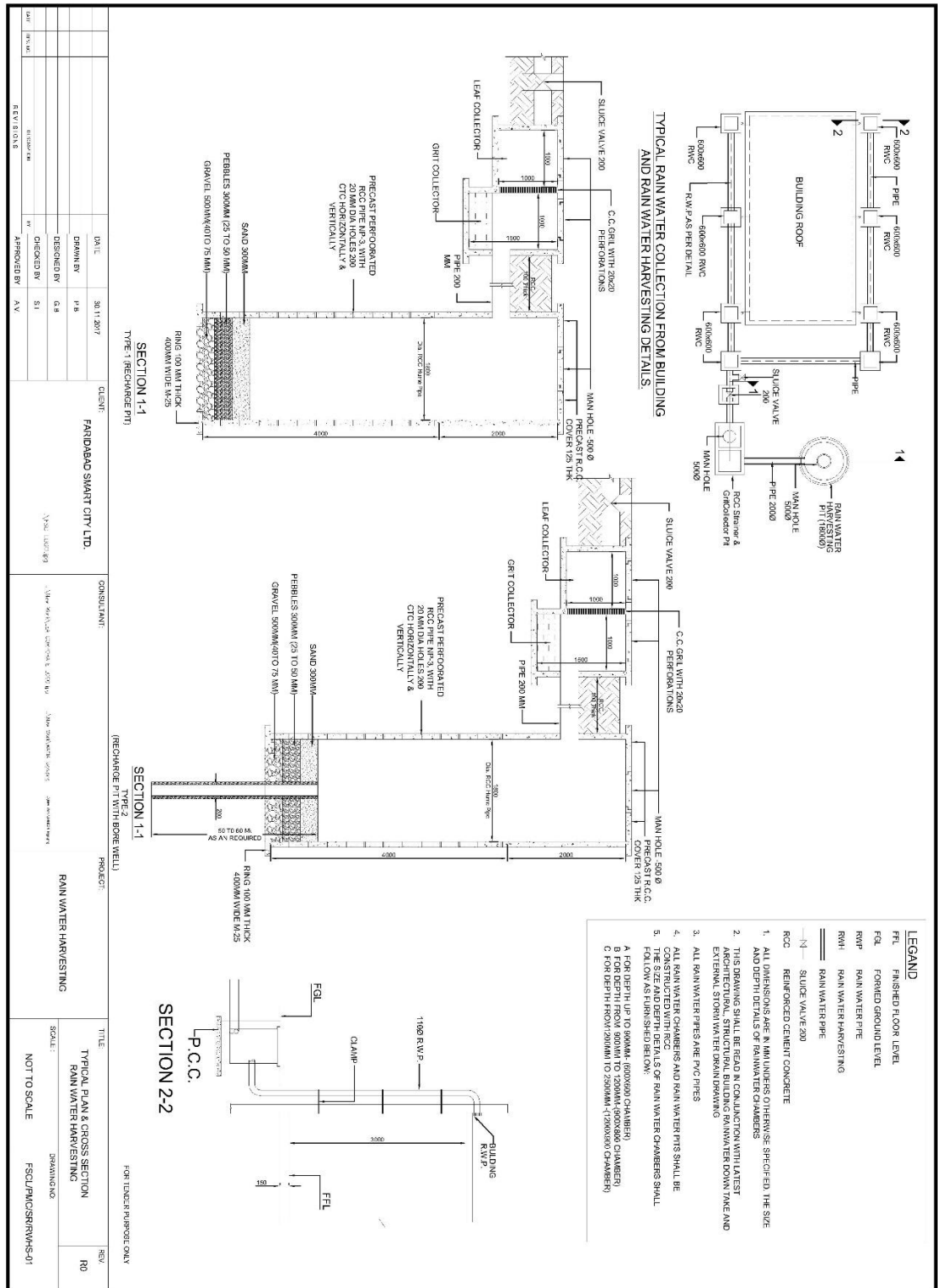


14. Location of Proposed RWHS in Government School, Sant Nagar, Sector 20A





Typical Rain Water Collection from Building and Rain Water Harvesting Details



DATE	30.11.2017	CLIENT	FANIDBAD SMART CITY, LTD.
DRAWN BY	P.H.	CONSULTANT	M/S. SANGHVI CONSULTANTS & ARCHT.
DESIGNED BY	G.H.	PROJECT	RAIN WATER HARVESTING
CHECKED BY	S.I.	TITLE	TYPICAL PLAN & CROSS SECTION RAIN WATER HARVESTING
APPROVED BY	AV	SCALE	NOT TO SCALE
REVISIONS		DRAWING NO.	FSCU/PMCS/RRWH-S-01

PART B: Annexure 1 to 7

Annexure 1

Qualification Information:-				
1.1 (A)	Constitution or legal status of Bidder [attach copy]			
(B)	Place of registration of Firm/ Company (in case of other than individuals)			
(C)	Principal place of business:			
(D)	Name of Power of attorney holder for Signing of the Bid. (bidder)[attach copy]			
1.2	Total annual volume of civil engineering construction work executed and Payments received each year in the immediate five years preceding the year in which tenders are invited. (Attach certificate from Chartered Accountant)- indexed @ 10% (ten per cent) compounded per year	Financial Year	(Rs. in crores)	
			Turnover in the year	Add for indexing

- Proprietary firm. Partnership firm with the certificate of registration by registrar of firms & article and Memorandum of Association with Certificate of Incorporation.
- Mention and highlight the year, which the Bidder considers for evaluation by the committee.

Signature:

Bidder's Seal

FORM OF CERTIFICATE OF INCOME TAX TO BE SUBMITTED BY BIDDER TENDERING FOR WORKS COSTING RS. 2.00 LAKHS OR MORE.

1. Name and Title (of the company/firm(HUF) or individual) in which the applicant is assessed to Income Tax and Address for the purpose of assessment.
2. The Income tax Circle /Ward /District in which the applicant is assessed to income tax.
3. Following particulars concerning the last Income tax assessment made.
 - a) Reference No. (or GIR No.) of the assessment
 - b) Assessment year and accounting year. c) Amount of total income assessed.
 - d) Amount of tax assessed IT, ST, EPT, BPT,
 - e) Amount of tax paid IT, ST, EPT, and B.P.T.
 - f) Balance being tax not yet paid and reasons for such arrears.
 - g) Whether any attachment or certificate proceedings pending in respect of the arrears.
 - h) Whether the company or firm or HUF on which the assessment was made has been or is being liquidized wound up, dissolved, partitioned or being declared insolvent, as the case may be.
 - i) The position about latter assessment namely whether returns submitted under Section 22(1) or (2) of the Income Tax Act, and whether tax paid under, "Section 18A of the Act and the amount of tax so paid or in arrears.
4. In case there has been no Income tax assessment at all in the past, whether returns submitted under section 21(1) or (2) and 18-A(3) and if so, the amount of Income Tax returned or tax paid and the Income Tax Circle/ Ward/District concerned.
5. The Name and address of branch (es) verified the Particulars set out above and found correct subject to the following remarks.

Dated:

Signature of I.T.I.

Circle/ Ward/ District

INFORMATION ON EXECUTION OF SIMILAR WORKS [REFER QUALIFICATION CRITERIA, S.NO.1]									
S. No.	Name of Project	Name of Employer	Value of contract	Contract No.	Date of Issue of Work Order	Stipulated Date of Completion	Actual Date of Completion	Value of work done	Remarks
1	2	3	4	5	6	7	8	9	10

Note:

1. Attach relevant certificates from the Engineer in charge, not below the rank of Deputy General Manager or equivalent.
2. Bidder may attach certified copies of work order(s) and completion certificate issued by the Engineer in Charge not below the rank of an Deputy General Manager.
3. The Supporting documents (completion certificate etc.) shall clearly indicate the value of work completed.

Signature:

Bidder's Seal

Work performed on all classes of Civil Engineering Construction Works over the last five years

S No	Name of Project	Name of Employer	Description of work	Value of contract (Rs.in Lacs)	Contract No.	Date of Issue of Work Order	Stipulated Date of Completion	Actual Date of Completion	Year wise value of work done as per certificate from the employer (Rs. In Lacs)					Remarks explaining reasons for Delay, if any; and the amount of deductions due to delay Also mention if any claim or dispute is pending in any forum.
									10	11	12	13	14	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

- Note:** (i) Attach relevant certificates from the Engineer in charge, not below the rank of Deputy General Manager or equivalent.
(ii) Bidder may attach certified copies of work order(s) and completion certificate(s) issued by Engineer in charge not below the rank of Deputy General Manager.
(iii) The Supporting documents (completion certificate etc.) shall clearly indicate the value of work completed.

Signature :

Bidder's seal :

Existing commitments and ongoing works in all classes of construction works

S. No.	Name of Project	Description of work	Contract No &Year	Name & address of the employer	Value of contract	Date of Issue of Work Order	Stipulated Date of Completion	Stipulated period of completion in months	Anticipate d date of completion	Value of work done up to the date of issue of this N.I.T	Probable value of works balance to be completed	Anticipate d months required for completion of balance works	Value of claims or dispute if any, pending
1	2	3	4	5	6	7	8	9	10	11	1	13	14

Note: The Supporting documents (completion certificate etc) shall clearly indicate the value of work completed.

Information regarding current claims, arbitration, litigation the Bidder is involved in.

S. No.	Name of Other party(s)	Agreement No. Date year and Dept.	Brief of cause of claims, arbitration /dispute (give reference of contract details)	Where Litigation is pending (in the department /Court/arbitration) (mention Dept./Court/Arbitration)	Amount involved/ claimed

Can use separate sheets for each agreements if necessary.

Affidavit

I.....S/o.....Aged.....years...
.....(Address.....)
.....)

(For and on behalf of), do here by and
herewith solemnly affirm / state on oath that: -

- 1. All documents and Information's furnished are correct in all respects to the best of my knowledge and belief**
- 2. I have not suppressed or omitted any required/relevant information.**
- 3. I hereby authorize the Faridabad Smart City Limited, Faridabad Officials to get all the documents submitted verified from appropriate source(s).**

(.....)

Authorized signatory / for and on behalf of

.....
(Affix seal)

SECTION 9: PRE CONTRACT INTEGRITY PACT

(To be submitted on Rs 100 Stamp Paper)

1. GENERAL

- 1.1. This pre-bid contract agreement (herein after called the Integrity Pact) is made onday of the monthbetween the Faridabad Smart City Limited (FSCL) acting through Shri/Smt..... (Designation of the FSCL officer)(Hereinafter called the “BUYER” which expression shall mean and include, unless the context otherwise requires, his successors in the office and assigns) and the First Party, proposes to procure..... (Name of the Store/Equipment/ Work/ Service) and M/s.represented by Shri (herein after called the BIDDER/Seller, which expression shall mean and include, unless the context otherwise requires, his successors an permitted assigns) and the Second Party, is willing to offer/ has offered.
- 1.2. WHEREAS the BIDDER is a Private Company/ Public Company/ Government Undertaking/ Partnership/ Registered Export Agency, constituted in accordance with the relevant law in the matter and the BUYER, performing its function as SPV under provision of Companies Act 2013.

2. OBJECTIVES:

NOW, THEREFORE, the BUYER and the BIDDER agree to enter into this pre-contract agreement, hereinafter referred to as Integrity Pact to avoid all forms of corruption by following a system that is fair, transparent and free from any influence/ prejudiced dealings prior to ,during and subsequent to the Contract to be entered into which a view to:-

- 2.1. Enabling the BUYER to obtain the desired Stores/ Equipment/Work/Service at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and
- 2.2. Enabling BIDDER to abstain from bribing or indulging in any corrupt practices in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing any corrupt practices and the BUYER will commit to prevent corruption, in any form, by its official by following transparent procedures.

3. COMMITMENTS OF THE BUYER

The BUYER commits itself to the following:-

- 3.1. The BUYER undertakes that no official of the BUYER connected directly or indirectly with the contract, will demand, take promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefits or any other advantage from the BIDDER, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation , contracting or implementation process related to the contract.
- 3.2. The BUYER will, during the pre-contract stage, treat BIDDERS alike, and will provide to all BIDDERS the same information and will not provide any such information to any particular BIDDER which could afford an advantage to that particular BIDDER in comparison to the other BIDDERS
- 3.3. All the officials of the BUYER will report the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.
- 3.4. In case any such preceding misconduct on the part of such official(s) is reported by the BIDDER to the BUYER with the full and verifiable facts and the same *prima facie* found to be correct by the BUYER, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the BUYER and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the BUYER the proceedings under the contract would not be stalled.

4. COMMITMENTS OF BIDDERS

The BIDDER commits itself to take all measures necessary to prevent corrupt practices, unfair means an illegal activities during any stage of its bid or during any pre-contract or pre-contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following:-

- 4.1. The BIDDER will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.
- 4.2. The BIDDER further undertakes that it has not been given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage, or inducement to any official of the BUYER or otherwise in procuring the Contract of forbearing to do or having done any act in relation to the obtaining or execution of the contract or any other contract with the Government for showing or forbearing to show favour or disfavour to any person in relation to the contract or any other contract with the Government.
- 4.3. The BIDDER further confirms and declares to the BUYER that the BIDDER in the original Manufacture/Integrator/Authorized government sponsored export entity of the stores and has not engaged in individual or firm or company whether Indian or Foreign to intercede, facilitate or in any way to recommend to the BUYER or any of its functionaries, whether officially or unofficially to the award of the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.
- 4.4. The BIDDER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payment he has made, is committed to or intends to make to officials of the BUYER or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.
- 4.5. The BIDDER will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation contracting and implementation of the contract.
- 4.6. The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
- 4.7. The BIDDER shall not use improperly, for purpose of competition or personal gain, or pass on to others, any information provided by the BUYER as part of the business relationship, regarding plans, technical proposal and business details, including information contained in any electronic data carrier. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged.
- 4.8. The BIDDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.
- 4.9. The BIDDER shall not instigate or cause to instigate any third person to commit any of the acts mentioned above.

5. PREVIOUS TRANSGRESSION

- 5.1. The BIDDER declares that no previous transgression occurred in the last three years immediately before signing this Integrity Pact with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify Bidder's exclusion from the tender process.
- 5.2. If the BIDDER makes incorrect statement on this subject, BIDDER can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reasons.

6. EARNEST MONEY (SECURITY DEPOSIT)

- 6.1. Every BIDDER while submitting commercial bid, shall deposit an amount as specified in RFP as Earnest Money/ Security Deposit, with the BUYER through any of the following instruments:
 - 6.1.1. Bank Draft or Pay Order in favour of
 - 6.1.2. A Confirmed guarantee by an Indian Nationalized Bank, promising payment of the guaranteed sum to theon demand within three working days without any demur whatsoever and without seeking any reasons whatsoever. The demand for payment by the BUYER shall be treated as conclusive proof of payment.
 - 6.1.3. Any other mode or through any other instrument (to be specified in the RFP).

- 6.2. The Earnest Money/ Security Deposit shall be valid up to a period of five years or the complete conclusion of the contractual obligations to the complete satisfaction of both the BIDDER and BUYER, including warranty period, whichever is later.
- 6.3. In the case of successful BIDDER a clause would also be incorporated in the Article pertaining to Performance Bond in the Purchase Contract that the provisions of Sanctions for violation shall be applicable for forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.
- 6.4. No interest shall be payable by the BUYER to the BIDDER on Earnest Money/ Security Deposit for the period of its currency.

7. SANCTIONS FOR violations'

- 7.1. Any breach of the aforesaid provisions by the Bidder or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER) shall entitle the BUYER to take all or any one of the following actions, wherever required:-
 - 7.1.1. To immediately call off the pre contract negotiations without assigning any reason or giving any compensation to the BIDDER. However, the proceedings with the other BIDDER(S) would continue.
 - 7.1.2. To forfeit fully or partially the Earnest Money Deposit (in pre-contract stage) and/ or Security Deposit/ Performance Bond (after the contract is signed), as decided by the BUYER and the BUYER shall not be required to assign any reason therefore.
 - 7.1.3. To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER.
 - 7.1.4. To recover all sums already paid by the BUYER, and in case of the Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate while in case of a BIDDER from a country other than India with interest there on at 2 % higher than the LIBOR. If any outstanding payment is due to the BIDDER from the BUYER in connection with any other contract such outstanding payment could also be utilized to recover the aforesaid sum and interest.
 - 7.1.5. To encash the advance bank guarantee and performance bond/ warranty bond, if furnished by the BIDDER, in order to recover the payments already made by the BUYER, along with interest.
 - 7.1.6. To cancel all or any other contracts with the BIDDER and the BIDDER all be liable to pay compensation for any loss or damage to the BUYER resulting from such cancellation/rescission and the BUYER shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.
 - 7.1.7. To debar the BIDDER from part on behalf of the participating in future bidding processes of the Government of Haryana for a minimum period of five years, which may be further extended at the discretion of the BUYER.
 - 7.1.8. To recover all sums paid in violation of this Pact by BIDDER(S) to any middlemen or agent or broken with a view to securing the contract.
 - 7.1.9. In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the BIDDER, the same shall not be opened.
 - 7.1.10. If the BIDDER or any employee of the BIDDER or any person acting on behalf of the BIDDER, either directly or indirectly is closely related to any of the officers of the BUYER or alternatively, if any close relative of an officer of the BUYER has financial interest/stake in the BIDDER'S firm, the same shall be disclosed by the BIDDER at the time of filling of tender. Any failure to disclose the interest involved shall entitle the BUYER to rescind the contract without payment of any compensation to the BIDDER.

The term 'close relative' for this purpose would mean spouse whether residing with the Government servant or not, but include a spouse separated from the Government servant by a decree or order of a competent court: son or daughter or custody the step son or step daughter and wholly dependant upon Government servant, but does not include a child or step child who is no longer in any way dependent upon the Government servant or of whose the Government servant has been deprived of by or under any law; any other person related, whether by blood or marriage, to the Government servant or to the Government servant's wife or husband and wholly dependent upon Government servant.

- 7.1.11. The BIDDER shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the BUYER, and if he does so, the BUYER shall be entitled forthwith

to rescind the contract and all other contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such rescission and the BUYER shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.

7.2. The decision of the BUYER to the effect that a breach of the provisions of this pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, the BIDDER can approach the Monitor(s) appointed for the purpose of this Pact.

8. FALL CLAUSE

8.1. The BIDDER undertakes that it has not supplied/is not supplying similar product/ systems or subsystems at a price lower than that offered in the present bid in respect of any other Department of the Government of Haryana or PSU and if it is found at any stage that similar product/ systems or sub systems was supplied by the BIDDER TO any other Department of the Government of Haryana or PSU at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and the difference in the cost would be refunded by the BIDDER to the BUYER, if the contract has already been concluded.

9. INDEPENDENT MONITORS

9.1. The BUYER will appoint Independent Monitors (hereinafter referred to as Monitors) for this Pact.

9.2. The task of the Monitors shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.

9.3. The Monitors shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently.

9.4. Both the parties accept that the Monitors have the right to access all the documents relating to the project/ procurement, including minutes of meetings. The Monitor shall be under contractual obligation to treat the information and documents of the BIDDER/Sub Bidder(s) with confidentiality.

9.5. As soon as the Monitor notices, or has reason to believe, a violation of this Pact, he will so inform the Authority designated by the BUYER.

9.6. The Monitor will submit a written report to the designated Authority of BUYER/ Secretary in the Department/ within 8 to 10 weeks from the date of reference or intimation to him by the BUYER/BIDDER and, should the occasion arise, submit proposals for correcting problematic situations.

10. FACILITATION OF INVESTIGATION

In case of any allegation of violation of any provisions of this Pact or payment of commission, the BUYER or its agencies shall be entitled to examine all the documents including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information of the relevant documents and shall extend all possible help for the purpose of such examination.

11. LAW AND PLACE OF JURISDICTION

This Pact is subject to Indian Law, the place of performance and jurisdiction shall be the seat of the BUYER.

12. OTHER LEGAL ACTIONS:

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the any other law in force relating to any civil or criminal proceedings.

13. VALIDITY

13.1. The validity of this Integrity Pact shall from the date of its signing and extend up to 5 years or the complete execution of the contract to the satisfaction of both the BUYER and the BIDDER/Seller whichever is later. In case BIDDER is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract.

13.2. If one or several provisions of this Pact turn out to be invalid; the remainder of this pact shall remain valid. In such case, the parties will strive to come to an agreement to their original intentions.

14. The parties hereby sign this Integrity Pact aton

BUYER

BIDDER