

ABSTRACT SHEET

TENDER FORM NO.

17

NAME OF WORK

PROPOSED REPERING AND RENOVATION OF NEHRU

ESTIMATED COST

6151294.63

TIME LIMIT FOR THE WORK

12 months

SCHEDULE - B**CIVIL WORKS**

Sr No.	Description of Items	Unit	Qty.	Rate	Amount
1	EXCAVATION				
	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area & stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary backfilling, ramming, watering including shoring and strutting etc. complete. By Manual Means. With Lift upto 1.5 m. Spec.No.: BD-A Page No. DSR Page No / Item No. 7/1				
		CUM	100.00	146.00	14,600.00
2	HARD MURUM				
	Excavation for foundation in hard murum and boulders including removing the excavated materials up to a distance 50 metres, beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary backfilling, ramming, watering including shoring and strutting etc. complete. By Manual Means. With Lift upto 1.5 m. Spec.No.: BD-A Page No.				
		CUM	175.00	182.70	31,972.50
3	FILLING				
	Filling in plinth and floors with contractor's material approved by Engineer-in-charge in 15 cm to 20cm. layers including watering and compaction complete. Spec. No. : Bd.A.11 Page No. 263				
		CUM	350.00	617.70	216,195.00
4	RUBBLE STONE SOILING				

	Providing dry trap / granite / quartzite / gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting complete. Spec. No. : Bd.A.12 Page No. 264				
		CUM	115.00	831.70	95,645.50
5	P.C.C BEDDING				
	Providing and laying in situ, cement concrete M-15 / 1:2:4 of trap / granite / quartzite / gneiss metal for foundation and bedding including bailing-out water manually, formwork, compacting, covering newly laid concrete by gunny bag, plastic or tarpaulin, curing etc. complete. (Wooden planks / shuttering will not be allowed. The shuttering should be of waterproof plywood or tailer made angle and steel plate) Spec. No. : Bd.E.1 Page No. 287 & IS 456:2000				
		CUM	165.00	5430.80	896,082.00
6	U.C.R MASONRY				
	Providing uncoursed rubble masonry of trap / granite / quartzite / gneiss stones in cement mortar 1 : 6 in foundation and plinth of inner walls / in of outer walls including bailing out water manually,striking out joints on exposed faces and watering etc.complete. Spec. No. : Bd.H.1 Page No.329				
		CUM	20.00	4093.20	81,864.00
7	COPING				
	Providing and casting in situ cement concrete M 15 / 1 : 2 : 4 of trap / granite / quartzite / gneiss metal moulded or chamfered as per drawing or as directed including centering,form work,compacting,covering newly laid conctere by gunny bags,roughening them if special finish is to be provided and curing and finishing if required etc.copmlete				
		CUM	5.00	5755.30	28,776.50
8	BEAM				

	Providing and casting in situ cement concrete of M-20 grade of trap granite / quartzite / gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including placing in position plastic cover block of required size at 90 cm. C/C each main bottom bars to stamping at sides to give required clear cover from all sides in R.C.C. Beam, centering, formwork of plywood / steel, compaction, covering newly laid concrete by gunny bag, plastic or tarpaulin, finishing the formed surface with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete. (Excluding reinforcement. The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. (Wooden planks / shuttering will not be allowed. The shuttering should be of waterproof plywood or tailer made angle and steel plate) Spec. No.: Bd.F.6 Page No. 300				
		CUM	5.00	8066.00	40,330.00
9	POINTING				
	Providing tuck pointing with cement mortar 1 : 3 for stne masonry work including scaffolding and curing etc.copmlete. Spec. No. :Bd.L.19 Page No.373				
		SQM	65.00	102.80	6,682.00
10	BRICK MASONRY				
	Providing Bricks masonry in cement mortar 1:6 using Fly Ash bricks in superstructure including striking joints, raking out joints, watering and scaffolding complete. Spec. No.: As director by engineer incharge and BDG-2&5				
		CUM	40.00	6268.10	250,724.00
11	SAND PLASTER				

	Providing sand faced plaster externally in cement mortar using Kharsalia / Kasaba or similar type of sand, in all positions including base coat of 15mm thick in C.M. 1:4 using waterproofing compound at 1kg.per cement bag, curing the same for not less than 3 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8mm thick in C.M. 1:4, finishing the surface by taking out grains and curing for fourteen days, scaffolding etc. complete. Spec. No. : Bd.L.7 PageNo. 369				
		SQM	450.00	405.00	182,250.00
12	FLAMED GRANITE				
	Providing and laying Flamed Granite stone for Riser and Tread 18 mm to 20 mm thick and of required width in plain / diamond pattern on a bed of / 1:6 cement mortar including cement float, filling joints with neat same coloured cement slurry, curing, and cleaning complete. (Prior permission of SE shall be obtained before inclusion of this item in the estimate) Additional item : As directed by engineer in charge.				
		SQM	60.00	2633.30	157,998.00
13	PAVING BLOCK				
	Providing and fixing 60 mm thick Factory made, Rubber moulded and Lacquar Finish hydraulically compressed mechanically vibrated and compacted precast inter-locking cement concrete paving blocks and partly grass pavers in M-35 grade of approved size and shape as specified, top 10 mm surface in white cement with colour pigment and remaining in gray cement as directed including all cost of materials, manufacturing, transportation of blocks upto 10 km. including loading unloading and stacking as directed, laying paving blocks in position over prepared bed of sand 50 mm thick including necessary excavation in all strata, spreading blindage of fine sand over the prepared bed compacting blocks by plate vibration and finishing etc. complete. Spec.No. As directed by Engineer-in-charge (for parking porch and decorative flooring.)				

		SQM	1300.00	1020.50	1,326,650.00
14	ROUNDED MOULDING				
	Providing Rounded Moulding to 18mm to 20mm thick Marble / granite stone edges as per approved Design including cutting, grinding, moulding, polishing etc. with all labour, material, machinery etc. complete. Spec.No:As directed by Engineer In Charge				
		RMT	100.00	293.90	29,390.00
15	OIL PAINT				
	Providing and applying 2 coats of flat oil paint of approved colour to the old structural steel work and iron work previously painted in building including scaffolding, if necessary, cleaning and preparing the surface (excluding primer coat) complete. (Sample and brand is to be got approved from Executive Engineer before use) Spec. No. : Bd.O.6 Page No. 406				
		SQM	500.00	52.50	26,250.00
16	EXTERNAL PAINT				
	Providing and applying two coats of polymer based external paint of standard manufacture like Apex from Asian Paints, Excel from Nerolac paints of approved colour to the plastered surfaces including scaffolding if necessary, cleaning and preparing the surface etc. for specified buildings complete. (Sample and brand is to be got approved from Executive Engineer before use) (Prior specific permission of S.E. shall be obtained before inclusion of this item in the estimate.) Spec. No.: As directed by Engineer in charge.				
		SQM	450.00	212.10	95,445.00
17	DISMANTLING				
	Dismantling the R.C.C. work and sorting out the materials such as steel etc. as directed and stacking them within the specified lead as directed. Additional Item Spec. No. : As directed by Engineer in charge.				
		CUM	250.00	792.80	198,200.00
18	CARTING & SHIFTING				

	Carting away & shifting the unwanted material upto 5 km away from the site. Spec.No. : As directed by Engineer in charge.				
		CUM	250.00	192.30	48,075.00
19	DUSTBIN				
	Stainless Steel Perforated Open Dustbin, Stainless Steel Garbage Bin - 5 litre (7"x11") Made From High Quality Stainless Steel.Resistant to corrosion. Spec.No.: as per quotation				
		NO	20.00	551.25	11,025.00
20	Z BENCHES				
	Providing and Fixing Z benches of size 600X600X600 as per detailed drawing of thickness 75mm				
		NO	60.00	1000.00	60,000.00
21	GARDEN NAME				
	Providing and fixing Garden Name in 15 milimetre Thick Poly venyle chloride sheet in white colour duly painted lettering of approved colour and champhered edges colour duly painted lettering of approved colour and champhered edges and letter cut on router machine, To be fixed on the facia of stage Complete.(size as directed by engineer in charge)				
		No	1.00	60000.00	60,000.00
22	SIGN BOARDS				
	A. Providing and fixing Sign boards made in vineyl and ACP 3 milimetre sheet as per desired font, language and colour. Indicating Toilets,canteen, managers cabin, no smoking, keep clean, do not spilt, safety and mandatory instructions, size 12" x 6"Complete.				
		No	20.00	660.00	13,200.00
23	Self Glow Exit Board with Battery Backup	No	4.00	4350.00	17,400.00
24	GAZEBO				

	Providing a gazebo/ covered pavilion open from all four sides but covered from top with Mangalore tiles roofing, bamboo construction for support frame structure, rubble soling, p.c.c. for flooring finished as coba, bamboo railing including necessary polishing / painting for bamboo members complete. (The rate for gazebo per sq.m. is worked out through 'Rate analysis' done as per the detailed drawings given. Respective detailed working drawing & rate analysis is attached overleaf.)				
		SQM	120.00	2861	343,320.00
25	Fountain	No	3.00	300000	900,000.00
26	KERB STONE				
	Providing and fixing smooth finish Kerb stone made in rubber moulds, M30 grade concrete of following size 600X300X125				
		RMT	204.00	225	45,900.00
27	SYNTHETIC SPORTS FLOORING	SQM	150.00	6000	900,000.00
28	Add for Royalty as per above Items	CUM	518.75	141.34	73,320.13
TOTAL =					6,151,294.63

TENDER FORM NO.		17			
NAME OF WORK		PROPOSED REPERING AND RENOVATION OF NEHRU GARDEN			
ESTIMATED COST		1964206.44			
TIME LIMIT FOR THE WORK		12 months			
SCHEDULE - B					
ABSTRACT SHEET					
ITEM NO	DESCRIPTION	QUAN TITY	RATE	UNITS	AMOUNT
SOFTSCAPE WORK					
1	LAWN				
	Preparing Lawn - Excavating the ground to a required depth of 20cms, removing & conveying unwanted stuff to a required distance as directed. Filling fresh garden soil/silt & manure in excavated area in 3:1 proportion to a height of 20cms. Mixing the garden soil & manure thoroughly well, levelling, watering on previous night. Planting required variety of lawn grass as directed & maintaining till well established by watering weeding, clipping, rolling, etc. complete.				
			355		
	5% CORPORATION AREA		17.75		
	TOTAL	2000	372.75	sqm	745500
2	PLANTING CLIPPED HEDGE				
	Excavating the ground to required depth of 30 cms, removing & conveying unwanted stuff to a required distance as directed, filling fresh garden soil & manure in excavated area in 3:1 proportion to a height of 30 cms. Mixing garden soil & manure thoroughly well, levelling, watering, previous night. Planting hedge plant of required species in two rows. Distance between two rows & between two cutting will be 25cms. Maintaining till well established by watering, weeding, stirring the soil and clipping if necessary etc.complete				
	D.S.R 2014-2015 for Horticulture works parks and garden		388		
	5% CORPORATION AREA		19.4		
	TOTAL	168	407.4	sqm	68443.2
3	PREPARING FLOWER BED				

	Excavating the ground to required depth of 30 cms, removing & conveying unwanted stuff to a required distance as directed, filling fresh garden soil & manure in excavated area in 3:1 proportion to a height of 30 cms. Mixing garden soil & manure thoroughly well, levelling, watering, previous night. Planting seedlings of required annuals 25cms. apart. Maintaining till well established by watering, weeding, stirring replacing of casualties etc. complete				
	D.S.R 2014-2015 for Horticulture works parks and garden		405		
	5% CORPORATION AREA		20.25		
	TOTAL	77.75	425.25	sqm	33063.19
4 PREPARING SHRUBBERY					
	Excavating the ground to required depth of 30 cms, removing & conveying unwanted stuff to a required distance as directed, filling fresh garden soil & manure in excavated area in 3:1 proportion to a height of 30 cms. Mixing garden soil & manure thoroughly well, levelling, and watering on previous night. Planting well developed shrub plants, 0.50 m apart as directed & maintaining till well established by watering, weeding, stirring, replacing casualties etc. complete.				
	D.S.R 2014-2015 for Horticulture works parks and garden		387		
	5% CORPORATION AREA		19.35		
	TOTAL	198	406.35	sqm	80457.3
5 PREPARING GROUND COVER					
	Excavating the ground to a required depth of 20 cms. Removing & conveying unwanted stuff, rubbish to the required distance as directed. Filling the excavated area with fresh garden soil & F. Y. Manure in 3:1 proportion to a height of 20 cms. Mixing, levelling, watering the same on previous night. Planting suitable ground covers as directed in staggering pattern distance between two rows 25 cms, watering & maintaining till well established.				
	D.S.R 2014-2015 for Horticulture works parks and garden		343		
	5% CORPORATION AREA		17.15		
	TOTAL	68.52	360.15	sqm	24677.48
6 PLANTING MEDIUM SIZE ORNAMENTAL/FLOWERING TREES					

	Digging pit with size 0.6m x 0.6m 0.6m , removing and conveying unwanted stuff to a required distance as directed .Filling the pit with fresh garden soil and Farm Yard manure upto a height of 0.6 m in 3:1 proportion. Mixing soil and manure thoroughly well, levelling watering on previous night.Planting one to two year old healthy plant sapling as per specification. Maintaining till well established by watering, stirring of soil and manure, replacing casualties etc. complete.				
	D.S.R 2014-2015 for Horticulture works parks and garden		294		
	5% CORPORATION AREA		14.7		
	TOTAL	70	308.7	no	21609
7 GARDEN SOIL					
	Supplying on site garden soil well sieved 90% to pass through I.S.sieve of 10mm size free from stones rubbish like dried grass roots and other such materials. The soil should be fresh from quarry. The colour of the soil generally be red. The soil will be measured by measuring box.(Farma) Items includes royalty charges, octroi.corporation tax Transporting, loading-unloading etc(Lead charge per 10km considered)				
	D.S.R 2014-2015 for Horticulture works parks and garden		430		
	5% CORPORATION AREA		21.5		
	TOTAL	918.75	451.5	cum	414815.6
8 Filling soil					
	Filling fresh garden soil/silt & manure in excavated area including lead upto a distance of 50 Mtrs. (1/10 of unskilled labour) (PWD-DSR 2014-15 -P-455/LBR CODE-36/274)				
	D.S.R 2014-2015 for Horticulture works parks and garden		29.4		
	5% CORPORATION AREA		1.47		
	TOTAL	918.75	30.87	cum	28361.81
9 MAINTAINANCE OF GARDEN FOR 3 YEARS					
		4108.7	3.7	sqm	547278.8
	NET TOTAL				1964206

NAME OF WORKS:- CONSTRUCTION OF NEHRU GARDEN SHALIMAR , NASHIK

ABSTRACT						
T.I. NO.	CSR I. No.	SHORT DESCRIPTION ITEN OF WORK	QTY	UNIT	CSR RATES 2014-15	
					UNIT RATE	TOTAL
WIRING						
1		Point wiring for Light / fan / bell concealed type with 2 x 1.5 Sq. mm copper PVC insulated FRLS grade (Fire Retardant Low Smoke) Wire 1.1 KV grade ISI marked with appropriate colour coding and with limitatin to No. of wires with respect to pipe size duly drawing in rigid PVC conduit (HMS) minimum 20 mm dia. ISI marked with necessary accessories viz. deep junction boxes, inspection boxes, bends etc. making complete piping rigid by adhesive / resin and fixed with binding wire, 'U' nails, all duly concealed in ceiling, RCC slab, beam while casting and in walls by making background complete and terminating the wires with pin type lugs in 3 pin 6 A modular type socket and 6 / 10 A. modular type switch erected on independent original sheet metal box / non metallic un breakable box erected flush on wall with necessary finishing as per the background along with double(mounting & cover) plate similar to Anchor - Roma				
2	1.9.9	A) For Light Point (Normal Length upto 6mtr)	15	Point	649.00	9735

3	1.9.11	Supplying and drawing 2 x 1.5 Sq. mm copper PVC insulated FRLS grade (Fire Retardant Low Smoke) copper wire ISI mark 1.1 KV grade with 1x1.5Sqmm wire for the earthing in PVC heavy duty concealed piping for concealed type independent plug point, with appropriate colour coding and limitation to No. of wire for respective size of pipe as per norms and duly terminating the wires with pin type lugs in 3 pin 6 A modular type socket and 6 / 10 A modular type swithc erected on independent original sheet metal box / non meatlic un-breakable box erected flush on wall with necessary finishing as per the background along with double (mounting & cover) plate similar to Anchor - Roma make.	5	Point	898.00	4490
4	1.9.14	Plug on board concealed type with 3 pin 6 A modular type socket and 6 / 10 A modular type switch erected on original sheet metal box / non metallic un-brakable box of light fan switch board; flush to wall with double (mounting & cover) plate similar to Anchor-Roma make	5	Point	412.00	2060
		<u>Chapter 4 : ENERGY SAVING DEVICES (ESD)</u>				
		<u>4.6 LED Fittings (ESD-LED)</u>				
5	2.5.16	Supplying & erecting LED driver suitable for multicolour flexible LED non-integral type for indoor strip / rope light upto 5 meter length complete.	4	nos	766	3064
6		Supplying and erecting LED Neon flexible strip light 2 wire of minimum 4.8W per meter suitable for 1m length conforming IP65 of any colour without driver complete.	60	mtr	1600	96000
		<u>2.3 Out door Fittings (FG-ODF)</u>				
7		Supplying & erecting decorative integral bollards suitable for upto 16W LED consisting cast aluminium housing, aluminum louvers, polycarbonatc diffuser with all accessories complete equivelant to Klite make Pagoda reflector Bollard round type dia 166mm height 490mm. Which can be integrate dwith the out door speaker .	55	each	8000.00	440000.00

8		Supplying & erecting decorative integral sleek polar street light with 24W LED 110lm/w lamps height 3mtr with IP65 protection optical cover polycarbonate ROHS complied Type III medium optic, with LM 80 report ,The street light pole should be heavy duty painted with water proof paint & zinc oxide paint and having built in control gear box with mcb and driver. equivelant to Klite makeKP-4793 single arm fitting.	10	each	19000.00	190000.00
9		Supplying & erecting of the 8.5W LED , IP 65 foot /path way light made by die cast dark grey powder coated aluminium corrosion resistance with low copper content & with hard chromeplated stainless steel 316 grade also step tempered glass 7mm with integral power supply / driver equivelant to Klite make ID 6988	8	each	6000.00	48000.00
10		Waterproof bulkhead Led fitting with 10W LED bulb and MS covering complete with its mounting .	50	each	650.00	32500.00
11		Outdoor speaker 10W IP 65 to be fitted in the Bollard temerproof .	6	each	3500.00	21000.00
12		Supplying & erecting Focus /flood light / farsad light suitable for upto 45W LED consisting cast aluminium housing, aluminum louvers,polycarbonate diffuser with all accessories complete equivelant to Klite make round type dia 247mm height wall mounted equivalent to Navi 7054.	4	each	13000.00	52000.00
MAINS & D.B.'S						
13	5.4.11	Supplying & erecting of triple pole & neutral distribution board double door (conforming to IS 13032 & IEC standard of IP20) Recess mounted made from 18 gauge sheet steel / C.R.C.A. with stove enamell paint / powder coated suitable for incorporating 4 pole MCB incoming & Triple pole MCB outgoing 8 Nos. with electrolytic copper bus bar of 100 Amps. per phase erected complete.(Vertical Bus Bar Type)8Way VTPN DB for power & lighting floor main DB.	1	Nos.	6504.00	6504.00

14	5.4.8	Supplying & erecting of triple pole & neutral distribution board double door (conforming to IS 13032 & IEC standard of IP20) Recess mounted made from 18 gauge sheet steel / C.R.C.A. with stove enamell paint / powder coated suitable for incorporating 4 pole MCB incoming & RCCB DP Per phase and single pole MCB 18 Nos. outgoing phase erected complete.(Horizontal bus bar type) for Power , Lighting, & Street light.	1	nos	3708.00	3708.00
15	5.4.9	Supplying & erecting of triple pole & neutral distribution board double door (conforming to IS 13032 & IEC standard of IP20) Recess mounted made from 18 gauge sheet steel / C.R.C.A. with stove enamell paint / powder coated suitable for incorporating 4 pole MCB incoming & RCCB DP Per phase and single pole MCB 24 Nos. outgoing phase erected complete.(Horizontal bus bar type) for Power , Lighting, & Street light.	1	nos	3708.00	3708.00
16	5.3.2	A] Supplying & erecting & marking miniature circuit breaker (As per IS:8828 of 1996) single pole 6 Amp to 32 Amp cseries with required wiring connections & lugs etc. in provided distribution board.	30	Nos.	173.00	5190.00
17	5.3.6	B] --- do --- 2 Pole 6 - 32 Amp. --- do ---	1	Nos.	516.00	516.00
18	5.3.8	C] --- do --- 2 Pole 40 - 63 Amp. --- do ---	1	Nos.	707.00	707.00
19	5.3.14	G] --- do --- 3Pole 10 - 32 Amp. --- do ---	4	Nos.	775.00	3100.00
20	5.3.16	D] --- do --- 4 Pole 20 - 32 Amp. --- do ---	2	Nos.	1068.00	2136.00
21	5.3.17	E] --- do --- 4 Pole 40 Amp. --- do ---	4	Nos.	1392.00	5568.00
22	5.3.17	F] --- do --- 4 Pole 63 Amp. --- do ---	4	Nos.	1392.00	5568.00
23	5-6-11	Supplying, fixing and commissioning RCCB+MCB, electro magnetic type 6 kA. breaking capacity of 32A/40A 4 Pole 2 phase as per specification No. SW-RCCB/RCCB	6	Nos	3116.00	18696.00
24	5-6-13	Supplying, fixing and commissioning RCCB+MCB, electro magnetic type 6 kA. breaking capacity of 32A/40A 4 Pole 3 phase.	2	Nos	3527.00	7054.00
PANEL						

25	NCSR	Supply, Erection, Testing, Commissioning of power distribution L.T. Panel cubical type fabricated from CRCA sheet Steel 16/14 Gauge including cutting bending, welding reveting etc. and painting with one coat of red oxide and powder coated of simens gray colour compartments with rubber gasket, hinged cover and with the following mountings complete prewired and tested, floor mounted. Provide terminal block for each outgoing circuit with name plates, Cable allay chamber having both side Top & bottom gland plates which is removable type. (This Specification is applicable for all panel mentioned bellow)	1	NOS	25000.00	25000.00
		Incoming Side :				
CABLES , CABLE TERMINATIONS						
26	7-1-15	Supplying & erecting PVC armoured cable 4 core 10 sq mm aluminium conductor with continuous 5.48 sq mm (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe	225	Mtr	171.00	38475.00
27	7-1-16	Supplying & erecting PVC armoured cable 4 core 16 sq mm aluminium conductor with continuous 5.48 sq mm (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe	50	Mtr	195.00	9750.00
28	7-2-5	Supplying & erecting PVC armoured cable 3 core 2.5 sq mm copper conductor continuous 5.48 sq mm (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe .	90	Mtr	178.00	16020.00
29	NCSR	Supplying & erecting PVC armoured cable 4 core 2.5 sq mm copper conductor continuous 5.48 sq mm (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe .	250	Mtr	210.00	52500.00
30	NCSR	Supplying & erecting PVC armoured cable 3 core 1.5 sq mm copper conductor continuous 5.48 sq mm (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe .	650	Mtr	150.00	97500.00

31	12.5.9	Supplying and erecting flat flexible 3 core 4 sq. mm. PVC sheathed submersible type copper cable suitably clamped at fixed intervals with column pipe assembly complete.	50	mtr	150.00	7500.00
32	NCSR	Supplying and fixing M.S. /FRP Junction box 300 x 300 x 50 mm size deep M.S. junction boxes 16 gauge with 2 coats of epoxy primer , Siemens gray paint, with top removable 14G S.S. plate fixed with 4 nos counter sunk screws. The junction boxes shall have knock-outs on all sides suitable for Raceways/conduits entries. The junction boxes shall be laid in trenches for Raceways / conduits. Chiselling of flooring & place the boxex & make the surface proper.	15	Nos.	1200.00	18000.00
33	NCSR	Supply and laying 2 core 40/36 gauge speaker wire of Silver / Copper Plated in provided P.V.C.Conduit.	350	Mtrs.	48.00	16800.00
34	NON CSR	Supplying, erecting, testing and commissioning amplifier 200 W for Public address system suitable to operate on 230 Volts A.C. / 12 Volts D.C. supply with two low impedance microphone input and two auxiliary inputs, tone control, protection circuit complete for the speakers output 4/8/16 lines.(Similar to AHUJA make)	1	Nos.	30000.00	30000.00
35	4.3.1	Supplying & erecting duly certified by MNES Solar Street Light Fitting with 11WLED/11W CFL fitting , with pole, c c foundtion, 12 V, 75 AH tubular battery Complete.	8	each	34334.00	274672.00
36	4-5-8	Supplying and erecting Programmable Digital Almanac Timer Micro-controller based with real time clock to operate on derived switching "ON" & switching "OFF" street light as per daily sunset and sunrise respectively automatically having 4 digit LED continuous time display, relay output 230V / 10A with 10 Hrs battery backup and manual over drive facility capable to drive different capacity contactors timer erected in MS box in an approved manner.	1	each	7213.00	7213.00
37	4-5-7	Supplying and erecting 4 pole power contactor 440V 40A for time switch complete erected on wooden block/provided box, with necessary materials.	1	each	4762.00	4762.00
EXCAVATION & CABLE ENCLOSURES						

38	7.6.11	Supplying and laying (including excavation) 50 mm outside dia. double wall corrugated pipes (DWC) of HDPE for enclosing cable below ground/road surface, to required depth complete.	900	Mtr	184.00	165600.00
EARTHING						
39	9.1.5	Supply, Installation, Testing and commissioning of UL Certified / CPRI Tested Maintenance Free Earthing comprising of Electrode of 17.2 mm diameter Low Carbon Steel with 250 micron Molecular Copper Bonded Earthing Rod of Length 3m along with 25 kg Carbon Based environment friendly back fill Ground Enhancing compound required to fill up the excavated earth with required quantity. Make Ashlok, Truepower, Nimbus	2.00	Nos.	15014	30028
40	9.2.3	Supply & Erecting of G.I. Earth strip of 25 x 5 mm complete erected. For tran	15.00	KG.	158	2370
41	9.2.5	Supplying & erecting G.I. earth wire 14 to 6 SWG complete erected on wall with necessary clamps in an approved manner for earthing or any other purpose with copper lugs cable socket of 30 Amps & more at each end with necessary cadmium plated double nut & bolts with washers & covering it with bituminous compound.	5.00	KG.	152	760
MISCELLANEOUS WORKS						

42	Non CSR	Ups 500vA stand alone	4	each	10500.00	42000.00
					GRAND TOTAL ELECTRICAL	1800254.00

WIFI Enabled system

1	13-10-4	Wifi networking with Web designing with 4nos of wifi access points.	4	Set	65000.00	260000.00
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Surveliance System

1		CCTV camera systems with 8nos-IP camera bullet type with NVR system with 3TB hard disc and	1	Set	650000.00	650000.00
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OUTDOOR VIDEO WALL

1	Supply and fixing 2mtr x1.5mtr (33Sqfts) P8 SMD complete plug & play system . Module sizes 256mm x 128mm (10"x5") (32 pixels x16 pixels) , Pixel Pitch 3mmx4mm(ellipse) , LED Chips , Pixel Density 15625 pixel/sqmtr, Pixel :1R1G1B SMD , sutibale for outdoor application with mounting arrangement with MS structure complete with power supply , Receiving card & sending card.SMPS : 5V, RJ connector, power cable . Complete with installation , testing , connection. Also with Voltage stabilizer and timer with auto cutoff.	2	Nos	625000.00	1250000.00
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SR NO	SUMMARY	AMOUNT
1	HARDSCAPE	6,151,294.63
2	SOFTSCAPE	1,964,206.44
3	ELECTRICAL	1,800,254.00
4	WIFI SYSTEM	260,000.00
5	SURVELIANCE SYSTEM	650,000.00
6	OUTDOOR VIDEO WALL	1,250,000.00
	NET TOTAL	12,075,755.07