

**1. Project Cost (Including Capital and O & M Work)**

Package	Project Description	Amount (Rs. )
<b>A</b>	<b>CAPITAL WORKS</b>	
<b>A-1</b>	Augmentation of existing Dindoli Sewage Pumping Station including SITC of new pumps and associated Electrical-Mechanical Works as described under Technical Bid	
<b>A-2</b>	Augmentation of existing Sewage Treatment Plant up to 167 MLD with BNR level treatment and Biogas Based Power Plant including modification in Civil units and SITC of new associated Electrical-Mechanical Works as described under Technical Bid	
<b>A-3</b>	New Tertiary Sewage Treatment Plant with 40 MLD net output capacity	
	<b>Total - Capital Work:</b>	
<b>B</b>	<b>Operation and Maintenance of upgraded Sewage Pumping Station , Sewage Treatment Plant, Bio gas based power plant and Tertiary Sewage Treatment Plant including all Civil, Mechanical, Electrical, Instrumentation and Piping.</b>	
<b>B-1.1</b>	Fixed Cost towards Operation and Maintenance upgraded Sewage Pumping Station, Sewage Treatment Plant, Biogas Power Plant and Tertiary Sewage Treatment Plant <b>per month for 1<sup>st</sup> Year of O&amp;M</b> including manpower, all major – minor spares with necessary repair and replacement including UF/RO system etc.*	
<b>B-1.2</b>	Fixed Cost towards Operation and Maintenance upgraded Sewage Pumping Station, Sewage Treatment Plant, Biogas Power Plant and Tertiary Sewage Treatment Plant <b>per month for 2<sup>nd</sup> year and subsequent year (i.e. up to 10<sup>th</sup> year) of O&amp;M</b> including manpower, all major – minor spares with necessary repair and replacement including UF/RO system etc.*	
<b>B-1.3</b>	Variable Cost <b>per MLD</b> towards Operation and Maintenance of augmented SPS and STP for 167 MLD flow pattern – per MLD.	
<b>B-1.4</b>	Variable Cost <b>per unit (kwh)</b> generated by Operation and Maintenance of Biogas based power generation plant including all Civil, Mechanical, Electrical, and Instrumentation	
<b>B-1.5</b>	Variable Cost per MLD towards Operation and Maintenance of TSTP for <b>40 MLD net output</b> flow pattern – per MLD.	

**\* If Biogas power plant is not operated, Rs. 5000/- per day shall be deducted from fixed cost quoted in Point B-1.1 and B-1.2 above. The variable cost towards Biogas Power Plant shall not be paid.**

**2. O & M Cost of existing STP till commissioning of augmented SPS and STP**

Project Description	Amount (Rs. )
Operation and Maintenance of Existing SPS and STP facility with PLC/SCADA/Instrumentation till commissioning of the augmented SPS and STP – per Month**	

\*\* if Biogas power plant is operated during O&M period, the variable cost as quoted under B-1.4 shall be paid additionally to rate quoted under Point 2 above.

**3. Additional Costs\*\***

Package	Project Description	Amount (Rs. )
a.	Alkalinity removal for every mg/l of Alkalinity per MLD	
b.	Apperant Color removal for every Pt.Co. of Color per MLD	
c.	TDS removal for every mg/l of TDS per MLD	

**4. Scheduled Spares for Biogas Based Power Plant, Fixed Film Media and Air Diffusers**

Project Description	Amount (Rs. )
(i) Biogas Engine Spares for 1 <sup>st</sup> Year* (Not to be quoted as it is to be covered under Defect liability period)	
(ii) Biogas Engine Spares for 2 <sup>nd</sup> Year*	
(iii) Biogas Engine Spares for 3 <sup>rd</sup> Year*	
(iv) Biogas Engine Spares for 4 <sup>th</sup> Year*	
(v) Biogas Engine Spares for 5 <sup>th</sup> Year*	
(vi) Biogas Engine Spares for 6 <sup>th</sup> Year*	
(vii) Biogas Engine Spares for 7 <sup>th</sup> Year*	
(viii) Biogas Engine Spares for 8 <sup>th</sup> Year*	
(ix) Biogas Engine Spares for 9 <sup>th</sup> Year*	
(x) Biogas Engine Spares for 10 <sup>th</sup> Year*	
(xi) Air Diffuser Spares	
(xii) Fixed Film Media replacement	