

OIL INDIA LIMITED (A Government of India Enterprise)
PLOT NO. 19, SECTOR,
16A, NOIDA- 201301

CORRIGENDUMNO. 2 dated 23.12.2024 to Tender No. CQI8126P25 “EPCOM of 125 TPD Unsegregated Municipal Solid Waste based Compressed Biogas (CBG) Plant for Commercial use at Tinsukia, Assam on Domestic Competitive Bidding Basis” is issued to notify the followings:

1. Amendment in Forwarding letter

- a) In Clause 13.0, 4.10 of GCC to be read as 10 of GCC
- b) IN clause 2.28.11, 4.12.5) of GCC to be read as 12.5 of GCC

2. Amendment in SCC

a) Clause 5.16.2 Payment against EPC Works

The table stands revised as under

Sr. No.	Items	Release of Payments
1.0	Approval of Drawings and Documentation (Maximum 3% of the Total Contract Value excluding O&M)	
1.1	On completion of Basic Engineering Package (BEP)	15%
1.2	On completion of Structural Design & Drawing of Civil Units	35%
1.3	On completion of Detailed Engineering of Mechanical Works	30%
1.4	On completion of Detailed Engineering of Electrical & Instrumentation Works	20%
Note: The percentage are of 1.1 to 1.4 of Price Schedule -1		
1.5	On providing services for obtaining permissions/ clearances from various Agencies on Pro Rate basis	100%
Note: The percentage is 100% of 1.5 of Price Schedule -1		
2.0	Civil Works	

Sr. No.	Items	Release of Payments
	(Maximum 40% of the Total Contract Value excluding O&M)	
2.1	On pro-rata basis against Monthly Running Bills	75%
2.2	On completion of civil Work	15%
2.3	On completion of Commissioning	5%
2.4	On Completion of PGTR Test	5%
3.0	Mechanical, Electrical, Instrumentation Works (Maximum 65% of the Total Contract Value Excluding O&M)	
3.1	On supply of Machinery/Equipment's on pro-rata basis against Monthly Running Bills	75%
3.2	On completion of Mechanical completion	15%
3.2	On completion of Commissioning	5%
3.3	On Completion of PGTR Test	5%

b) Clause 5.18 – Clause 4.14 of GCC to be read as Clause 14 of GCC

c) Clause 5.20 - Clause 4.30 of GCC to be read as Clause 30 of GCC

3. The following clause is newly incorporated in **SCC Section V**

5.4.9 After award of Contract the Contractor shall provide a certification from IIT/ NIT/SERC (Structural Engineering Research Centre of CSIR) about the stability of the civil structure and foundation designs with factors of safety given in relevant Standards and codes shall also be taken care of, for review and approval by PMC/Owner. Bidders to also confirm that structure will withstand corrosion for minimum 25 years of designed lifetime from the date of stabilization.

4. The following clauses is newly incorporated in **Scope of Work Section-VII**

i) 7.1.2. Scope of Work: Specific

As bullet point 12

- After award of Contract the Contractor shall provide a certification from IT/NIT/SERC (Structural Engineering Research Centre of CSIR) about the stability of the civil structure and foundation designs with factors of safety given in relevant Standards and codes shall also be taken care of, for review and approval by PMC/Owner. Bidders to also confirm that structure will withstand corrosion for minimum 25 years of designed lifetime from the date of stabilization

ii) In Technical Specification in Section-VIII

8.2.9 Foundations:

In a) as bullet point 5

- The foundation design shall suit to the local soil conditions and the materials used (cement, reinforcement steel etc.) shall confirm to relevant standards. Bidder shall submit the GA and construction drawings and concrete mix design of all the foundations to Owner/PMC. Contractor shall provide a certification from IIT/NIT/SERC (Structural Engineering Research Centre of CSIR) about the stability of the civil structure and foundation designs with factors of safety

5. In Schedule of Rates Section VI, the following price schedules have been modified and enclosed as Annexure - A

- (i) Price Schedule - 2
- (ii) Price Schedule - 3
- (iii) Price Schedule - 4

Note: The revised price bid is uploaded in the Notes and Attachments' tab in e-portal.

Annexure – A

1. Revised Price Schedule – 2: Civil Works

Sr. No.	Description	Unit	Total Cost Rs.
2.1	Site Development & Infrastructure Works:		
1	Site Development including Cutting, Filling, Grading, Leveling etc. complete	L.S.	
2	Boundary Wall with Main Gate	L.S.	
3	Internal Roads with Pathways, Storm Water Drains and Service Corridors	L.S.	
4	2-Wheeler Parking, Car Parking, Truck Parking and Truck Washing Area	L.S.	

Sr. No.	Description	Unit	Total Cost Rs.
5	Internal Sewerage / Effluent Network	L.S.	
6	Plantation / Gardening / Landscaping	L.S.	
7	Any Other as per design requirement (Please add, if applicable)	L.S.	
2.2	Liquid Retaining Structures:		
1	Digester	L.S.	
2	Digestate Sump	L.S.	
3	Centrate Sump (Decanter Centrifuge Feed Sump)	L.S.	
4	Effluent Treatment Plant (ETP)	L.S.	
5	Treated Effluent Storage Tank	L.S.	
6	Potable Water Storage Tank	L.S.	
7	Fire Water Tank	L.S.	
8	Any Other as per design requirement (Please add, if applicable)	L.S.	
2.3	Building/Shed for:		
1	Mixed and Wet MSW Receiving and Processing Facility including Central MCC- cum-Control House	L.S.	
2	Bio-Gas Purification System	L.S.	
3	CBG Compressors	L.S.	
4	Digestate Dewatering System	L.S.	
5	Solar-Enhanced Composting Facility	L.S.	
6	Compost Screening, Bagging & Storage Facility	L.S.	
7	Effluent Treatment Plant (ETP)	L.S.	
8	Security Terminal	L.S.	
9	Weighbridge Terminal	L.S.	
10	HT Sub-station	L.S.	

Sr. No.	Description	Unit	Total Cost Rs.
11	Workshop & Store	L.S.	
12	Laboratory	L.S.	
13	Pump House for Fire Fighting Pumps	L.S.	
14	Any Other as per design requirement (Please add, if applicable)	L.S.	
2.4	Grand Total of Price Schedule - 2 (Carry over to Price Schedule - 6)		

NOTE: The Lumpsum price quoted in this schedule should be equal to or less than 40% of EPC Contract price i.e. excluding O & M Prices quoted in schedule -5.

Signature of Authorized Signatory with Seal

Name:

Designation:

Date:

Place:

2. **Price Schedule-3:** Supply, Installation and Commissioning of Mechanical Equipment (both outside and within country) and other Services

Sr. No.	Description	Unit	Qty	Total Cost Rs.
3.1	Mechanical Works			
1	Infeed Bunker for Mixed MSW	No.		
2	Mixed Waste Segregation system consisting of Bag opener, Iron separator, Wind shifter, etc			
3	Conveyors: Chain Belt, Roller Belt and Screw and mobile machinery			
4	Infeed Bunker for Wet MSW			
5	Organic Extraction System	No.		
6	Grit Removal System	No.		
7	Conveyors: Chain Belt, Roller Belt and Screw	No.		
8	Digester Feed Pump	No.		
9	Digesters:			
10	Mixer	No.		
11	Pressure Door, Manhole, Nozzles, Heating Coil, Rupture Disc, Pressure & Vacuum Regulating Valve etc.	Lot		
12	Biogas Holder with Support Air Blowers	No.		
13	Hot Water Recirculation System:			
14	Dual Fuel Hot Water Generation System with Infeed Blowers	No.		
15	Hydraulic Separator, Distribution Manifold & Expansion Tank	Lot		
16	Hot Water Recirculation Pumps: Main + Individual	Lot		
17	Biogas Accessories including Flame Arresters, Condensate Separators etc. complete			

Sr. No.	Description	Unit	Qty	Total Cost Rs.
18	Biogas Flaring System with Infeed Blowers	No.		
19	Bio-Gas Purification System:			
20	Bio-Gas Desulphurization System including Infeed Blowers	Lot		
21	Bio-Gas Purification System including Infeed Compressors	Lot		
22	CBG Compressor	No.		
23	Digestate Dewatering System:			
24	Digestate Transfer Pump	No.		
25	Digestate Sump: Air Blower/Mixer	No.		
26	Press Screw Separator Feed Pump	No.		
27	Press Screw Separator	No.		
28	Air Blower/Mixer for Centrate Sump	No.		
29	Digestate Dewatering Equipment Feed Pump	No.		
30	Digestate Dewatering Equipment	No.		
31	Dewatering Polyelectrolyte Dosing System with Agitators & Pumps	No.		
32	Solar-Enhanced Composting Facility: Sludge Tilling, Turning & Conveying (STTC) System	No.		
33	Compost Screening Plant	No.		
34	Compost Bagging Unit	No.		
35	Effluent Treatment Plant (ETP) comprising Ammonia Stripping System + Ultra-Filtration (UF) System + Sequential Batch Reactor (SBR)	Lot		
36	Conveyors: Chain Belt, Roller Belt and Screw	Lot		
37	Electronic Weighbridge	No.		

Sr. No.	Description	Unit	Qty	Total Cost Rs.
38	Pumps:			
39	Potable Water Transfer Pump	No.		
40	Fire Hydrant Pump: Electric Motor Driven	No.		
41	Fire Hydrant Pump: Diesel Engine Driven	No.		
42	Jockey Pump	No.		
43	Odour Control System including Centrifugal Fans, Air Ducts, Modular Bio-filters etc. complete	Lot		
44	Air Compressor for Instrument Air	No.		
45	Laboratory Equipment + Glassware + Chemicals			
46	Plant Cleaning Equipment	Lot		
47	Vehicles:			
48	Skid Steer Loader	No.		
49	Tractor	No.		
50	2-Wheeled Hydraulic Trolley	No.		
51	Truck mounted Sewer Suction Machine	No.		
52	Emergency Response Vehicle	No.		
53	Piping, Appurtenances & Valves for the entire Plant	Lot		
54	Fire Fighting System including Pipes, Strainers, Air Cushion Tank, Reflex Valves, Sluice Valves, Hydrant Valves, Air Release Valves, Hose Boxes, Hose Reels with Drums, Fire Brigade Connection, Hose Pipes, Nozzles, Sprinklers, Smoke Detectors, Manual Call Points, Fire Extinguishers, Hooters etc. complete.	Lot		
55	Any Other (Please add, if applicable)	No./Lot		

Sr. No.	Description	Unit	Qty	Total Cost Rs.
3.2	Grand Total of Price Schedule – 3 (Carry over to Price Schedule – 6)			

NOTE: The Lumpsum price quoted in schedule 3 &4 should be equal to or less than 65% of EPC Contract price i.e. excluding O & M Prices quoted in schedule -5.

Note:

The Unit Rate / Total Price of each Item to be quoted by the Bidder above shall be inclusive of Custom Duties (if applicable), Packing and Forwarding, Loading and Unloading, Transportation up to Project, Site, Transit Insurance, Octroi (if applicable), Storage at Project Site, Installation, Commissioning, Guaranteed Performance Run, Works Contract Tax, Trade Tax, Income Tax, Surcharge (if any) and all other Central Govt. and State Govt. Taxes and Duties etc. as applicable and any other Cost required to complete the project as per RFP.

Signature of Authorized Signatory with Seal

Name:

Designation:

Date:

Place:

3. **Price Schedule-4:** Supply, Installation and Commissioning of Electrical and Instrumentation Equipment (both outside and within country) and other Services

Sr. No.	Description	Unit	Qty	Total Cost Rs.
4.1	Electrical & Instrumentation Works			
1	HT Works including 2/4-Pole Structure, Ring Main Unit, HT Panels, Transformers, HT Cables, Accessories, Hardware etc. complete.	Lot		
2	LT Works including LT Panels, LT Cables, Cable Termination Kits, Cable Trays, Accessories and Hardware etc. complete.	Lot		
3	Earthing Works including Earthing Pits, Earthing Strips, Earthing Cables, Accessories and Hardware etc. complete.	Lot		
4	Lighting Works Street Light Poles, Lighting Fixtures, Hangers, Lighting Cables, Junction Boxes, Accessories and Hardware etc. complete.	Lot		
5	Miscellaneous Works including Air Conditioning System, Distribution Boards & MCBs, Modular Switches, Point Wiring, Lightening Arrestor, Accessories and Hardware etc. complete.	Lot		
6	Safety Equipment including Accessories and Hardware etc. complete.	Lot		
7	Emergency Diesel Generating Set with Alternator including Accessories and Hardware etc. complete.	Lot		
8	Field Instruments, Instruments & Control Cables, Cable Termination Kits, Accessories and Hardware etc. complete.	Lot		
9	PLC & SCADA based Automation System including PLC Panel, HMI, SCADA, Accessories and Hardware etc. complete.	Lot		
10	IT Works including CCTV System, IP-PBX System, Server, Personal Computers &	Lot		

Sr. No.	Description	Unit	Qty	Total Cost Rs.
	Peripherals, Large Display Screens, HD Projectors, Bio-metric Attendance System, Wi-Fi System, Optical Fibre Cable Network, UPS, Walkie Talkies, Accessories, Hardware and ERP System etc. complete.			
11	Any Other (Please add, if applicable)	Lot		
4.2	Grand Total of Price Schedule – 4 (Carry over to Price Schedule – 6)			

NOTE: The Lumpsum price quoted in schedule 3 &4 should be equal to or less than 65% of EPC Contract price i.e. excluding O & M Prices quoted in schedule -5.

Note:

The Unit Rate/Total Price of each Item to be quoted by the Bidder above shall be inclusive of Custom Duties (if applicable), Packing and Forwarding, Loading and Unloading, Transportation up to Project, Site, Transit Insurance, Octroi (if applicable), Storage at Project Site, Installation, Commissioning, Guaranteed Performance Run, Works Contract Tax, Trade Tax, Income Tax, Surcharge (if any) and all other Central Govt. and State Govt. Taxes and Duties etc. as applicable and any other Cost required to complete the project as per RFP.

Signature of Authorized Signatory with Seal

Name:

Designation:

Date:

Place:

PRICE BID REVISED

Cl. No	Particulars
	PREAMBLE AND NOTICE TO BIDDERS FOR PRICE BID
	DECLARATION
	INDEX OF PRICE SCHEDULES
1	Price Schedule – 1: Design & Engineering
2	Price Schedule – 2: Civil Works
3	Price Schedule-3: Supply, Installation and Commissioning of Mechanical, Electrical and Instrumentation Equipment (both outside and within country) and other Services
4	Price Schedule – 4: Operation and Maintenance (O&M) of the Plant:
5	Price Schedule – 5: Grand Summary (For Award of Works) 1.
6	Guarantees

**FORM OF PRICE PROPOSAL, APPENDIX TO PRICE PROPOSAL AND
SCHEDULE OF PRICES**

PREAMBLE AND NOTICE TO BIDDERS FOR PRICE BID

This Volume comprises three Parts – Form of Price Proposal, Appendix to Price Proposal and Schedule of Prices. All the three Parts of this Volume should be carefully read through and thoroughly understood in the context of various General Conditions of Contract, Special Conditions of Contract and the OIL's Requirement before being filled in.

The items listed in the Schedule of Prices have been defined in Section VII- Detailed Scope of Work. The rates to be filled in shall cover all Units described in Scope of Work.

Attention of the bidders is drawn to “Completeness of Offer” which stipulates that the costs indicated in the Price Proposal should include the cost of all Works, Plant, Equipment and Material that are usually to be incorporated in such Facility in consonance with Section VII: Detailed Scope of Work.

The Total Cost quoted by the bidder at Price Schedule – 6 of Price Bid shall be filled in as Offer of Bidder for final level treatment.

This is clarified here that the Total Cost quoted by the bidder at Price Schedule – 6 of this Price Bid shall be considered as ‘Lump Sum Cost’ quoted by the bidder for complete the Work subject to following.

- 1) The bidder will have to revise the Design Items of Work within the ‘Lump Sum Offer’ quoted as per Price Schedule – 6 for variations desired by the OIL with reference to the Design Norms, Design Criteria and Scope of Work mentioned in the Tender. No claim or extra payment will be tenable on this behalf.
- 2) The costs mentioned in Price Schedules – 1, 2,3 and 4 are for completing the item in full respect as per the changes / deviations suggested and approved by the OIL on the basis of the design requirement and included in the Scope of Work of the Tender
- 3) The costs mentioned in Schedule – 5 is Annual Operation and Maintenance Cost for Water Charges, Manpower, Spares, Repairs and Maintenance, Chemical & Consumables and other Miscellaneous as specified in Schedule – 5. The same shall be considered for Contract Value Determination.
- 4) Price Schedule – 6 is for Grand Summary for Contract Value Determination.

DECLARATION

I/We have read all the contents in Price Bid and Preambles and Notice to Bidders for Price Bid thoroughly and I/We have filled in all the detailed costs wherever mentioned.

I/We also agree to abide the conditions referred herein above in addition to General Conditions of Contract (GCC), Special Conditions of Contract (SCC) and Scope of Work for evaluation and variation of Cost.

I/We agree to all the contents in the Price Bid as referred above.

Yours faithfully,

Signature of Authorized Signatory with Seal

Name:

Designation:

Date:

Place:

INDEX OF PRICE SCHEDULES

Sr. No.	Schedule No.	Particulars
1	Price Schedule – 1	Design, Engineering, Drawings and Documentation
2	Price Schedule – 2	Civil Works
3	Price Schedule – 3	Supply and Installation of Mechanical, Equipment's (both outside and within country) and other Services
4	Price Schedule – 4	Supply and Installation of Electrical and Instrumentation Equipment's (both outside and within country) and other Services
5	Price Schedule – 5	Operation and Maintenance (O&M) of the Plant and Facilities
6	Price Schedule – 6	Grand Summary (For Award of Works)

Signature of Authorized Signatory with Seal

Name:

Designation:

Date:

Place:

1. Price Schedule – 1: Design & Engineering

Sr. No.	Description	Unit	Amount Rs.
1.1 to 1.4	Total Price Schedule for the following activities: <ul style="list-style-type: none"> • Basic Engineering Package (BEP). • General Arrangement Drawings of Civil Units). • Structural Designs and Drawings of Civil Units. • Architectural Drawings of Civil Units. • General Arrangement Drawings / Datasheets for all Mechanical Equipment. • Basic Engineering Package (Electrical & Instrumentation Works) • Operation & Maintenance Manual • Any other documents to comply with the OIL's Requirement as indicated in "Section – VII: Detailed Scope of Work. 	L.S.	
1.5	For providing services for obtaining permissions/ clearances from various Agencies	LS	
	Grand Total of Schedule – 1 (Carry over to Schedule – 6)		

NOTE : The Lumpsum price quoted in this schedule should be equal to or less than 5% of EPC Contract price i.e. excluding O & M Prices quoted in schedule -5.

Signature of Authorized Signatory with Seal

Name:

Designation:

Date:

Place:

2. Price Schedule – 2: Civil Works

Sr. No.	Description	Unit	Total Cost Rs.
2.1	Site Development & Infrastructure Works:		
1	Site Development including Cutting, Filling, Grading, Leveling etc. complete	L.S.	
2	Boundary Wall with Main Gate	L.S.	
3	Internal Roads with Pathways, Storm Water Drains and Service Corridors	L.S.	
4	2-Wheeler Parking, Car Parking, Truck Parking and Truck Washing Area	L.S.	
5	Internal Sewerage / Effluent Network	L.S.	
6	Plantation / Gardening / Landscaping	L.S.	
7	Any Other as per design requirement (Please add, if applicable)	L.S.	
2.2	Liquid Retaining Structures:		
1	Digester	L.S.	
2	Digestate Sump	L.S.	
3	Centrate Sump (Decanter Centrifuge Feed Sump)	L.S.	
4	Effluent Treatment Plant (ETP)	L.S.	
5	Treated Effluent Storage Tank	L.S.	
6	Potable Water Storage Tank	L.S.	
7	Fire Water Tank	L.S.	
8	Any Other as per design requirement (Please add, if applicable)	L.S.	
2.3	Building/Shed for:		
1	Mixed and Wet MSW Receiving and Processing Facility including Central MCC-cum-Control House	L.S.	
2	Bio-Gas Purification System	L.S.	
3	CBG Compressors	L.S.	
4	Digestate Dewatering System	L.S.	
5	Solar-Enhanced Composting Facility	L.S.	
6	Compost Screening, Bagging & Storage Facility	L.S.	
7	Effluent Treatment Plant (ETP)	L.S.	

Sr. No.	Description	Unit	Total Cost Rs.
8	Security Terminal	L.S.	
9	Weighbridge Terminal	L.S.	
10	HT Sub-station	L.S.	
11	Workshop & Store	L.S.	
12	Laboratory	L.S.	
13	Pump House for Fire Fighting Pumps	L.S.	
14	Any Other as per design requirement (Please add, if applicable)	L.S.	
2.4	Grand Total of Price Schedule – 2 (Carry over to Price Schedule – 6)		

NOTE: The Lumpsum price quoted in this schedule should be equal to or less than 40% of EPC Contract price i.e. excluding O & M Prices quoted in schedule -5.

Signature of Authorized Signatory with Seal

Name:

Designation:

Date:

Place:

3. **Price Schedule-3:** Supply, Installation and Commissioning of Mechanical Equipment (both outside and within country) and other Services

Sr. No.	Description	Unit	Qty	Total Cost Rs.
3.1	Mechanical Works			
1	Infeed Bunker for Mixed MSW	No.		
2	Mixed Waste Segregation system consisting of Bag opener, Iron separator, Wind shifter, etc			
3	Conveyors: Chain Belt, Roller Belt and Screw and mobile machinery			
4	Infeed Bunker for Wet MSW			
5	Organic Extraction System	No.		
6	Grit Removal System	No.		
7	Conveyors: Chain Belt, Roller Belt and Screw	No.		
8	Digester Feed Pump	No.		
9	Digesters:			
10	Mixer	No.		
11	Pressure Door, Manhole, Nozzles, Heating Coil, Rupture Disc, Pressure & Vacuum Regulating Valve etc.	Lot		
12	Biogas Holder with Support Air Blowers	No.		
13	Hot Water Recirculation System:			
14	Dual Fuel Hot Water Generation System with Infeed Blowers	No.		
15	Hydraulic Separator, Distribution Manifold & Expansion Tank	Lot		
16	Hot Water Recirculation Pumps: Main + Individual	Lot		
17	Biogas Accessories including Flame Arresters, Condensate Separators etc. complete			
18	Biogas Flaring System with Infeed Blowers	No.		
19	Bio-Gas Purification System:			
20	Bio-Gas Desulphurization System including Infeed Blowers	Lot		
21	Bio-Gas Purification System including Infeed Compressors	Lot		
22	CBG Compressor	No.		

Sr. No.	Description	Unit	Qty	Total Cost Rs.
23	Digestate Dewatering System:			
24	Digestate Transfer Pump	No.		
25	Digestate Sump: Air Blower/Mixer	No.		
26	Press Screw Separator Feed Pump	No.		
27	Press Screw Separator	No.		
28	Air Blower/Mixer for Centrate Sump	No.		
29	Digestate Dewatering Equipment Feed Pump	No.		
30	Digestate Dewatering Equipment	No.		
31	Dewatering Polyelectrolyte Dosing System with Agitators & Pumps	No.		
32	Solar-Enhanced Composting Facility: Sludge Tilling, Turning & Conveying (STTC) System	No.		
33	Compost Screening Plant	No.		
34	Compost Bagging Unit	No.		
35	Effluent Treatment Plant (ETP) comprising Ammonia Stripping System + Ultra-Filtration (UF) System + Sequential Batch Reactor (SBR)	Lot		
36	Conveyors: Chain Belt, Roller Belt and Screw	Lot		
37	Electronic Weighbridge	No.		
38	Pumps:			
39	Potable Water Transfer Pump	No.		
40	Fire Hydrant Pump: Electric Motor Driven	No.		
41	Fire Hydrant Pump: Diesel Engine Driven	No.		
42	Jockey Pump	No.		
43	Odour Control System including Centrifugal Fans, Air Ducts, Modular Bio-filters etc. complete	Lot		
44	Air Compressor for Instrument Air	No.		
45	Laboratory Equipment + Glassware + Chemicals			
46	Plant Cleaning Equipment	Lot		
47	Vehicles:			
48	Skid Steer Loader	No.		
49	Tractor	No.		

Sr. No.	Description	Unit	Qty	Total Cost Rs.
50	2-Wheeled Hydraulic Trolley	No.		
51	Truck mounted Sewer Suction Machine	No.		
52	Emergency Response Vehicle	No.		
53	Piping, Appurtenances & Valves for the entire Plant	Lot		
54	Fire Fighting System including Pipes, Strainers, Air Cushion Tank, Reflex Valves, Sluice Valves, Hydrant Valves, Air Release Valves, Hose Boxes, Hose Reels with Drums, Fire Brigade Connection, Hose Pipes, Nozzles, Sprinklers, Smoke Detectors, Manual Call Points, Fire Extinguishers, Hooters etc. complete.	Lot		
55	Any Other (Please add, if applicable)	No./Lot		
3.2	Grand Total of Price Schedule – 3 (Carry over to Price Schedule – 6)			

NOTE: The Lumpsum price quoted in schedule 3 &4 should be equal to or less than 65% of EPC Contract price i.e. excluding O & M Prices quoted in schedule -5.

Note:

The Unit Rate / Total Price of each Item to be quoted by the Bidder above shall be inclusive of Custom Duties (if applicable), Packing and Forwarding, Loading and Unloading, Transportation up to Project, Site, Transit Insurance, Octroi (if applicable), Storage at Project Site, Installation, Commissioning, Guaranteed Performance Run, Works Contract Tax, Trade Tax, Income Tax, Surcharge (if any) and all other Central Govt. and State Govt. Taxes and Duties etc. as applicable and any other Cost required to complete the project as per RFP.

Signature of Authorized Signatory with Seal

Name:

Designation:

Date:

Place:

4. **Price Schedule-4:** Supply, Installation and Commissioning of Electrical and Instrumentation Equipment (both outside and within country) and other Services

Sr. No.	Description	Unit	Qty	Total Cost Rs.
4.1	Electrical & Instrumentation Works			
1	HT Works including 2/4-Pole Structure, Ring Main Unit, HT Panels, Transformers, HT Cables, Accessories, Hardware etc. complete.	Lot		
2	LT Works including LT Panels, LT Cables, Cable Termination Kits, Cable Trays, Accessories and Hardware etc. complete.	Lot		
3	Earthing Works including Earthing Pits, Earthing Strips, Earthing Cables, Accessories and Hardware etc. complete.	Lot		
4	Lighting Works Street Light Poles, Lighting Fixtures, Hangers, Lighting Cables, Junction Boxes, Accessories and Hardware etc. complete.	Lot		
5	Miscellaneous Works including Air Conditioning System, Distribution Boards & MCBs, Modular Switches, Point Wiring, Lightening Arrestor, Accessories and Hardware etc. complete.	Lot		
6	Safety Equipment including Accessories and Hardware etc. complete.	Lot		
7	Emergency Diesel Generating Set with Alternator including Accessories and Hardware etc. complete.	Lot		
8	Field Instruments, Instruments & Control Cables, Cable Termination Kits, Accessories and Hardware etc. complete.	Lot		
9	PLC & SCADA based Automation System including PLC Panel, HMI, SCADA, Accessories and Hardware etc. complete.	Lot		
10	IT Works including CCTV System, IP-PBX System, Server, Personal Computers & Peripherals, Large Display Screens, HD Projectors, Bio-metric Attendance System, Wi-Fi System, Optical Fibre Cable Network, UPS, Walkie Talkies, Accessories, Hardware and ERP System etc. complete.	Lot		
11	Any Other (Please add, if applicable)	Lot		

Sr. No.	Description	Unit	Qty	Total Cost Rs.
4.2	Grand Total of Price Schedule – 4 (Carry over to Price Schedule – 6)			

NOTE: The Lumpsum price quoted in schedule 3 &4 should be equal to or less than 65% of EPC Contract price i.e. excluding O & M Prices quoted in schedule -5.

Note:

The Unit Rate/Total Price of each Item to be quoted by the Bidder above shall be inclusive of Custom Duties (if applicable), Packing and Forwarding, Loading and Unloading, Transportation up to Project, Site, Transit Insurance, Octroi (if applicable), Storage at Project Site, Installation, Commissioning, Guaranteed Performance Run, Works Contract Tax, Trade Tax, Income Tax, Surcharge (if any) and all other Central Govt. and State Govt. Taxes and Duties etc. as applicable and any other Cost required to complete the project as per RFP.

Signature of Authorized Signatory with Seal

Name:

Designation:

Date:

Place:

5. Price Schedule – 5: Operation and Maintenance (O&M) of the Plant:

Sr. No.	Year	Unit	Amount Rs.
1	Year-1	L.S.	
2	Year-2	L.S.	
3	Year-3	L.S.	
4	Year-4	L.S.	
5	Year-5	L.S.	
6	Year-6	L.S.	
7	Year-7	L.S.	
8	Year-8	L.S.	
9	Year-9	L.S.	
10	Year-10	L.S.	
16	Grand Total of Price Schedule – 5 (Carry over to Price Schedule – 6)		

Note:

- The O&M Cost to be quoted by the Bidder above shall be exclusive of the cost of electricity but inclusive of Water, Chemicals & Consumables, Fuel & Lubricants, Spare & Wear Parts, Repair & Maintenance, Laboratory Analysis, Manpower, Statutory Compliance, Insurance, Administrative Expenses etc. complete.
- The cost of grid electricity consumption will be calculated based on guaranteed energy consumption per day as quoted in **BRS-7 @ Rs 7.94 per KWh**
- Grand Total of O&M Cost quoted by the bidder in Schedule – 4 above and cost of grid electricity charges for 10 years shall be considered for bid evaluation.
- For evaluation of Price Bids, the Present Value (PV) method shall be applied on the Annual O&M Cost and annual grid energy cost for 10 years

Signature of Authorized Signatory with Seal

Name:

Designation:

Date:

Place:

6. **Price Schedule – 6:** Grand Summary (For Award of Works)

Sr. No.	Description	Total B.F. from Pg. No.	Amount Rs.
5.1	Design, Drawings and Documentation (Price Schedule – 1)		
5.2	Civil Works (Price Schedule – 2)		
5.3	Supply, Installation and Commissioning of Mechanical Equipment (both outside and within country) and other Services (Price Schedule – 3)		
5.4	Supply, Installation and Commissioning of Electrical and Instrumentation Equipment (both outside and within country) and other Services (Price Schedule – 4)		
5.5	Operation and Maintenance Cost of the Plant and Facilities for 10 years (Price Schedule – 5)		
5.6	Sub total		
5.7	GST on 5.6 Subtotal @18%		
5.8	Grand Total inclusive of GST		

Note:

- “Grand Total” specified above shall be considered as the “Award Value of Work” including prevailing GST and shall be final and binding on the bidder

Signature of Authorized Signatory with Seal

Name:

Designation:

Date:

Place:

7. Guarantee & Declaration

The bidder should provide guaranteed parameters for the following in respective BRS and confirm the same

- a) Guaranteed Biogas production per MT of Volatile Solid in **BRS -6**
- b) Electrical Consumption per day in **BRS -7**
- c) The prices quoted in Price schedule -1 is less than 5% of the EPC cost

Signature of Authorized Signatory with Seal

Name:

Designation:

Date:

Place: