

**Request for Proposal  
for**

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**BOP Package for Overhaul of GMDC's 2X125 MW Akrimota  
Thermal Power Station (ATPS), Gujarat**

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**Answer to Pre-Bid Queries and Corrigendum – VIII**



**Gujarat Mineral Development Corporation Limited  
Khanij Bhavan, 132-Ring Road, Gujarat University Ground,  
Vastrapur, Ahmedabad- 380052**

**Pre-Bid Meeting Date: 18<sup>th</sup> October 2023**

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## Responses to pre-bid queries

Sr. No.	Clause No.	Description	Item	Item Description	Pre-bid query/ Clarification	Response / Addendum / Corrigendum (If any)
1	3.1.2.3. Overhaul Plan (Mechanical)  Plan 10	Plan 10: CW System	CW Treatment facility	Establishing a new anti-scalant cooling water dosing system with required pumps and chemicals. Supply of chemicals shall be provided for 1 year		CW Treatment facility present in Plan 10 of Clause 3.1.2.3 of Part 2 of the document hereby stands cancelled from the responsibilities of the Successful Bidder
2	Annexure 2: Spares for BOP Overhaul  Mechanical Plan 1	Impactor-01	Disc Rotor Assembly	For 1220/28 Impactor part list-1 Drawingnumber:1220/28-gin-100 Machine Sr.No.6818 and 6819,Make-TRF /Equivalent as per attached drawing		The revised BOQ for this component has been detailed in Annexure 1 of this corrigendum
3	Annexure 2: Spares for BOP Overhaul  Mechanical Plan 1	Dust suppression system	Dust suppression system	Supply and installation of complete new revival of dust suppression system for Lignite Handling plat.Ref (1)Drq No.-AJT-TRF-2005-002-00-02,R-1 (2)AJT-TRF-2005-002-00-02,R-1 (3) AJT-TRF-2005-002-03,R-1 (4)AJT-TRF-2005-002-00-06		The revised BOQ for this component has been detailed in Annexure 1 of this corrigendum
4	Annexure 2: Spares for BOP Overhaul  Mechanical Plan 1	Dry fog system	Dry fog system	Revival of dry fog system at Material Handling Plant-ATPS Supply and installation of Spray bars, nozzles, adaptors, FAS, PRU, Belt loader monitor, water pump filters and pipes & fittings as mentioned in the scope of work. Area revival of dry fog system. 1.Below Dump Hopper		The revised BOQ for this component has been detailed in Annexure 1 of this corrigendum

Sr. No.	Clause No.	Description	Item	Item Description	Pre-bid query/ Clarification	Response / Addendum / Corrigendum (If any)
				2.TP-01 3.TP-2 4.Primary crusher house 5.Secondary crusher house 6.Screen house 7.Water Pump & filter Servicing Complete new revival (supply and installation)		
5	Annexure 2: Spares for BOP Overhaul  Mechanical Plan 10	750NB butterfly valve with gear box	Butterfly Valve	size:750 NB,MOC:Cast Iron,Type:Double Flanged ebonite lined,PN rating:PN 6.0,Design:BS:5155,Drg no:B-30138-M Rev 1,Make:Fouress Engineering.		The revised BOQ for this component has been detailed in Annexure 1 of this corrigendum
6	Annexure 2: Spares for BOP Overhaul  Mechanical Plan 10	Supply fills material for one cell	Fills material	PVC Film Fills for BDT make Cooling Tower Size 16.2 M (L) x 16.2 M (W) x 1.8 M (H) Sheet thickness – 0.30 to 0.40 mm Flute size – 27 mm.,Make:M.M Aqua Technologies ltd.		The revised BOQ for this component has been detailed in Annexure 1 of this corrigendum
7	Annexure 2: Spares for BOP Overhaul  Mechanical Plan 10	Supply Drift eliminator for one cell	Drift eliminator	PVC Honeycomb type Drift Eliminators for BDT make Cooling Tower Size 16.2 M (L) x 16.2 M (W).		The revised BOQ for this component has been detailed in Annexure 1 of this corrigendum
8	Annexure 2: Spares for BOP Overhaul	Spray nozzles	Spray nozzles	Type:Down ward spray,MOC:Polypropylene,Di a of nozzle:32 mm,Drg no:WCT-I-020-PE-114 Rev		The revised BOQ for this component has been detailed in Annexure 1 of this corrigendum

Sr. No.	Clause No.	Description	Item	Item Description	Pre-bid query/ Clarification	Response / Addendum / Corrigendum (If any)
	Mechanical Plan 10			0,Wt:400 grams(approx),Make:BDT ltd.		
9	Annexure 2: Spares for BOP Overhaul Mechanical Plan 10	I beam and railing	I beam and pipes for railing	"I" beam size:410 mm Ht x 120 mm,Railing pipe 2" M.S "I" beam length: 10 m		The revised BOQ for this component has been detailed in Annexure 1 of this corrigendum
10	Annexure 2: Spares for BOP Overhaul Mechanical Plan 10	Internal distribution pipe	Pipe	Pipe with 250mm with tail end,Pipe with eccentric reducer end,Pipe 200 mm,MOC:FRP		The revised BOQ for this component has been detailed in Annexure 1 of this corrigendum
11	Annexure 2: Spares for BOP Overhaul Mechanical Plan 12	1500NB & 2200NB sea water line (Unit#1)	Corrocoating material	kirlosker corrocoat make vinyl ester glass Flake filled Coating "Polyglass VEF/VEHA average @ 1mm DFT		The revised BOQ for this component has been detailed in Annexure 1 of this corrigendum
12	Annexure 2: Spares for BOP Overhaul Mechanical Plan 12	1500NB & 2200NB sea water line (Unit#2)	Corrocoating material	kirlosker corrocoat make vinyl ester glass Flake filled Coating "Polyglass VEF/VEHA average @ 1mm DFT		The revised BOQ for this component has been detailed in Annexure 1 of this corrigendum
13	Annexure 2: Spares for BOP Overhaul Mechanical Plan 12	Electro Chlorination Plant cell	Cell	Type:H8.150,Drg no:6.A.AA81A.FO.A.02 Rev 0,Make:De Nora Technologie elettrochimiche S.P.A.		The revised BOQ for this component has been detailed in Annexure 1 of this corrigendum

Sr. No.	Clause No.	Description	Item	Item Description	Pre-bid query/ Clarification	Response / Addendum / Corrigendum (If any)
14	Annexure 2: Spares for BOP Overhaul  Supporting functions Plan 3	Air monitoring system	Online Ambient Air Monitoring System including these parameters (SO2,NO2,CO, CO2,PM2.5/P M10) For Plant.	As per Ambient air quality monitoring index 2011.		The revised BOQ for this component has been detailed in Annexure 1 of this corrigendum
15	Answer to Pre-Bid Queries and Corrigendum IV  Sr. 22	Part 2 Section 3.1.2.4 of RFP Plan 14: RO Plant	Secondary RO Plant	The Successful Bidder shall supply and install Secondary RO Plant as per the details attached as art of Annexure 7 of this corrigendum		Secondary RO plant present in Sr. 22 of Answer to Pre-Bid Queries and Corrigendum IV document hereby stands cancelled from the responsibilities of the Successful Bidder

## Annexure 1: Spares for BOP overhaul

### Mechanical

#### Plan 1: Lignite Handling System

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2
29	Impactor-01	Disc Rotor Assembly	For 1220/28 Impactor part list-1 Drawing number:1220/28-gin-100 Machine Sr.No.6818 and 6819,Make-TRF /Equivalent as per attached drawing	Set	0	Common
132	Dust suppression system	Dust suppression system	Supply and installation of complete new revival of dust suppression system for Lignite Handling plat.Ref (1)Drg No.-AJT-TRF-2005-002-00-02,R-1 (2)AJT-TRF-2005-002-00-02,R-1 (3) AJT-TRF-2005-002-03,R-1 (4)AJT-TRF-2005-002-00-06	lot	0	Common
133	Dry fog system	Dry fog system	Revival of dry fog system at Material Handling Plant-ATPS Supply and installation of Spray bars, nozzles, adaptors, FAS, PRU, Belt loader monitor, water pump filters and pipes & fittings as mentioned in the scope of work. Area revival of dry fog system. 1.Below Dump Hopper 2.TP-01 3.TP-2 4.Primary crusher house 5.Secondary crusher house 6.Screen house 7.Water Pump & filter Servicing Complete new revival (supply and installation)	lot	0	Common

#### Plan 10: CW System

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2
4	750NB butterfly valve with gear box	Butterfly Valve	size:750 NB,MOC:Cast Iron,Type:Double Flanged ebonite lined,PN rating:PN 6.0,Design:BS:5155,Drg no:B-30138-M Rev 1,Make:Fouress Engineering.	Nos	12.00	Unit 1 and Unit 2
5	Supply fills material for one cell	Fills material	PVC Film Fills for BDT make Cooling Tower Size 16.2 M (L) x 16.2 M (W) x 1.8 M (H) Sheet thickness – 0.30 to 0.40 mm Flute size – 27 mm.,Make:M.M Aqua Technologies Ltd.	Nos	12.00	Unit 1 and Unit 2
6	Supply Drift eliminator for one cell	Drift eliminator	PVC Honeycomb type Drift Eliminators for BDT make Cooling Tower Size 16.2 M (L) x 16.2 M (W).	Nos	12.00	Unit 1 and Unit 2
7	Spray nozzles	Spray nozzles	Type:Down ward spray,MOC:Polypropylene,Dia of nozzle:32 mm,Drg no:WCT-I-020-PE-114 Rev 0,Wt:400 grams(approx),Make:BDT ltd (Or equivalent)	Nos	3,840.00	Unit 1 and Unit 2
13	I beam and railing	I beam and pipes for railing	"I" beam size:410 mm Ht x 120 mm,Railing pipe 2" M.S "I" beam length: 10 m	Nos	12 beams	Unit 1 and Unit 2
14	Internal distribution pipe	Pipe	Pipe with 250mm with tail end,Pipe with eccentric reducer end,Pipe 200 mm,MOC:FRP	Mtr	3,005.00	Unit 1 and Unit 2

### **Plan 12: SWTP**

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2
12	1500NB & 2200NB sea water line (Unit#1)	Corrocoating material	kirlosker corrocoat make (or equivalent) vinyl ester glass Flake filled Coating "Polyglass VEF/VEHA average @ 1mm DFT	Sq mtr	2200NB – 1801 m2 1500NB – 10 m2	Unit 1

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2
13	1500NB & 2200NB sea water line (Unit#2)	Corrocoating material	kirlosker corrocoat make (or equivalent) vinyl ester glass Flake filled Coating "Polyglass VEF/VEHA average @ 1mm DFT	Sq mtr	2200NB – 1801 m2 1500NB – 10 m2	Unit 2
20	Electro Chlorination Plant cell	Cell	Type:H8.150,Drg no:6.A.AA81A.FO.A.02 Rev 0,Make:De Nora Technologie elettrochimiche S.P.A.	Set	2.00	Common

## Supporting functions

### Plan 3: Monitoring system

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2
2	Air monitoring system	Online Ambient Air Monitoring System including these parameters (SO2,NO2,CO,CO2,PM2.5/PM10) For Plant.	As per Ambient air quality monitoring index 2011.	Nos	0	Unit 1 and Unit 2