



**HINDUSTAN PETROLEUM CORPORATION LTD**  
(A Govt. of India Undertaking)

**AWA-SALAWAS PIPELINE PROJECT**

**CORRIGENDUM # 1**

**COMPOSITE WORKS FOR RECEIPT STATION AT SALAWAS**

**TENDER No.: 12000116-HD-10129**



**PREPARED AND ISSUED BY**  
**MECON LIMITED**  
(A Govt. of India Undertaking)  
Delhi, India



## CORRIGENDUM #1 FOR

Composite Works for Receipt Station at Salawas for Awa-Salawas Pipeline Project  
(Tender No. : 12000116-HD-10129)



MECON LIMITED

Date : 22.02.2013

Sr No	DESCRIPTION	VOLUME	TENDER PAGE NO.	CLAUSE/PARA/SECTION	AMMENDMENT/ADDITION/MODIFICATION/DELETION
1	Bid Due Date	I of III	6 of 642	Point no. v) of 1.6 BRIEF DETAILS OF BID DOCUMENT	Amendment Bid Due Date & time mentioned against referred clause shall be amended to 15.00 Hrs. on 07.03.2013
2	Online Unpriced Bid Opening	I of III	6 of 642	Point no. vi) of 1.6 BRIEF DETAILS OF BID DOCUMENT	Amendment Online Un-priced Bid Opening Date & time mentioned against referred clause shall be amended to 1530 Hrs. on 07.03.2013.
3	Specification for Vertical Submersible Pump	II of III			Addition Specification for Vertical Submersible Pump is enclosed as <b>Annexure-I</b> to Corrigendum-I.
4	Vendor List for Architectural	I of III	384 to 392	Appendix-I to PJS	Modification Revised Vendor list for Architectural is enclosed as <b>Annexure-II</b> to Corrigendum-I.
5	Tender Lines Schedule	I of III	12 of 1742	Line No/Srl No.. 192, 193 (Supply Part)	Modification Refer revised tender line schedules for the said Line no/Srl No. as enclosed in <b>Annexure III</b> to Corrigendum-I.
			34 of 1742	Line No/Srl No.. 324, 327, 328 (Erection Part)	Modification <b>Note: For Line No/Srl No 192- 80 Ltrs Seamless cylinder</b> shall be read as <b>120 Ltrs Seamless cylinder</b> with other description remaining unchanged.
			13 of 1742 & 615 of 1742	Line No/Srl No.. 242 (Supply Part)	Deleted Referred item no/ srl no. stands deleted. Revised relevent pages from Preamble to price schedule for said Line no/Srl
			27 of 1742 & 660 of 1742	Line No/Srl No.. 156 (Erection Part)	Deleted No. of Electrical works is enclosed as <b>Annexure-III A</b> to Corrigendum-1
6	Reply to Bidder's Query	-	-	-	Reply Reply to bidder's query is enclosed as <b>Annexure-IV</b> to Corrigendum-I

**Enclosed to Corrigendum – 1**  
**To Tender No.: 12000116-HD-10129**


# **ANNEXURE – I**

PROCESS & PIPING DESIGN SECTION  
MECON LIMITED  
DELHI - 110 092



TECHNICAL SPECIFICATION  
FOR  
VERTICAL SUBMERSIBLE PUMP

SPECIFICATION NO.: MEC/TS/05/62/024, Rev-0


<b>MECON LIMITED</b> Delhi	PROCESS & PIPING DESIGN SECTION	TECHNICAL SPECIFICATION FOR VERTICAL SUBMERSIBLE PUMP	
TECHNICAL SPECIFICATION NO. : MEC/TS/05/62/024		REV-0	Page 1 of 4

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PREPARED BY	CHECKED BY	APPROVED BY
( SHALINI SINGH )	( A.K. SARKAR )	( A.K. JOHRI )

<b>MECON LIMITED</b> Delhi	PROCESS & PIPING DESIGN SECTION	TECHNICAL SPECIFICATION FOR VERTICAL SUBMERSIBLE PUMP	
TECHNICAL SPECIFICATION NO. : MEC/TS/05/62/024		REV-0	Page 2 of 4

## 1.0 **SCOPE**

This specification covers the minimum requirements for design, manufacture, inspection, testing and supply of submersible type pump as per various applicable standards/ codes and enclosed data sheet for transferring condensate from underground tank to road tanker.

Compliance with this specification shall not relieve the supplier of the responsibility of furnishing equipment and accessories of proper design, materials and workmanship to meet the specified operating conditions.

Quoted price should include tests to be carried out as per the specifications.

List of similar supply shall also be furnished alongwith tender.

## 2.0 **REFERENCE DOCUMENTS**

Reference shall be made to the following standards.

- i) API 610 Centrifugal Pump for chemical and refinery services (latest edition).
- ii) ANSI standard for centrifugal pumps.
- iii) Any equivalent national or International Standard.


If tenderer is unable to quote as per above standards, they may be required to furnish the offer as per their own manufacturing standards also.

## 3.0 **MATERIAL, DESIGN AND CONSTRUCTION**

The pump shall be supplied of the standard design and construction as per established codes and standards. Material of construction of all the parts shall be suitable for water condensate containing hydrocarbons as per pump data sheet attached.

## 4.0 **INSPECTION AND TEST**


The pump shall be inspected and tested by purchaser or purchaser's authorised agency for inspection and test required as per relevant API/ ASME codes and approved quality assurance plan. The pump shall be tested with actual motor. Testing of pump should be done as per IS:5120 latest edition.

<b>MECON LIMITED</b> Delhi	PROCESS & PIPING DESIGN SECTION	TECHNICAL SPECIFICATION FOR VERTICAL SUBMERSIBLE PUMP	
TECHNICAL SPECIFICATION NO. : MEC/TS/05/62/024		REV-0	Page 3 of 4

## 5.0

### **DOCUMENTATION**

- A) The tenderer shall submit following documents alongwith the offer :-
- i) Copies of the purchaser's data sheet with complete vendor information entered therein.
  - ii) Performance curves, which include differential heads, efficiency, water NPSHR and brake horse power.
  - iii) General arrangement drawing with load.
  - iv) Typical cross-sectional drawings with list of part and bill of materials.
  - v) List of spare parts required for two year's normal operation.
  - vi) List of deviations, if any.
  - vii) Details of tests shall be carried out during in house and purchaser's inspection.
- B) After receipt of LOI/ Purchase Order vendor shall submit detailed drawing with load data, driver details, partwise bill of material, detail drawings, performance curve, auxiliary piping connections, if any, completed pump data sheet etc. for approval/ reference of purchaser's consultant.
- C) The vendor shall supply the following documents alongwith despatch documents :
- i) Material test certificate.
  - ii) Certified/ hydrostatic test data.
  - iii) Certified test curves and data, including head, brake horse power recalculated to the proper specific gravity, efficiency plotted against capacity and any other test data essential for the performance of the pump.
  - iv) Operation and maintenance manual.
  - v) GA & detailed cross-sectional drawing with partwise bill of materials.
  - vi) Any other information required to be furnished by the manufacturer to complete the supply and installation.

<b>MECON LIMITED</b> Delhi	PROCESS & PIPING DESIGN SECTION	TECHNICAL SPECIFICATION FOR VERTICAL SUBMERSIBLE PUMP	
TECHNICAL SPECIFICATION NO. : MEC/TS/05/62/024		REV-0	Page 4 of 4

6.0

### **PAINTING, MARKING AND TRANSPORTATION**

- i) All exterior machined surface shall be coated with two coats of suitable rust preventive primer.
- ii) All exterior surfaces subject to atmospheric corrosion with the exception of machined surfaces shall be given two coats of manufacturer's standard paint.
- iii) All flanged openings shall be protected with suitable closure and all threaded openings shall be provided with steel caps.
- iv) Exposed shafts and shaft couplings shall be wrapped suitably for waterproofing.

7.0

### **GUARANTEE AND WARRANTEE**

#### **Mechanical**

All equipment and important parts shall be warranted against defective materials, design and workmanship for 12 months after installation or 18 months after supply whichever is earlier.

#### **Performance Guarantee**

The equipment shall be guaranteed for satisfactory performance at all operating conditions specified on the data sheet.

If any malfunctioning or defects occur during the guarantee and warrantee period, the vendor shall make all necessary repairs, alterations and replacement free of cost.

8.0

### **SPARES**

Tenderer shall submit list of spares for two years trouble free operation alongwith itemwise price.



**Enclosed to Corrigendum – 1  
To Tender No.: 12000116-HD-10129**

# **ANNEXURE - II**

**Annexure- II to Corrigendum-1  
(Tender No. : 12000116-HD-10129)**

**B) Architectural**

List of Approved Manufacturers of Architectural / Building Products

<b>Sl. No.</b>	<b>Item/ Name of Manufacturer</b>	<b>Place</b>	<b>Brand Name</b>
<b>1.0</b>	<b>Floor Finishing</b>		
<b>1.1</b>	<b>Terrazzo Tiles</b>		
A	Nitco	Delhi	NITCO
B	Hindustan Tiles	Delhi	Hindustan Tiles
<b>1.2</b>	<b>Ceramic Tiles</b>		
A	Regency Ceramics Ltd.	Hyderabad	Regency
B	Kajaria Ceramics Ltd.	Delhi	Kajaria
C	Orient Ceramics & Industries Ltd.	Delhi	Orient
D	Bell Ceramics	Vadodara	BELL
E	SPL Ltd.	Delhi	Somany
F	H & R Johnson (I) Ltd.	Mumbai	Johnson
G	Spartek Ceramics	Chennai	Spartek
H	Murudeshwar Ceramics Ltd.	Hubli	Naveen
<b>1.3</b>	<b>Vitrified Tiles</b>		
A	Regency Ceramics Ltd.	Hyderabad	Regency
B	Orient Ceramics & Industries Ltd.	Delhi	Orient
C	SPL Ltd.	Delhi	Somany
D	H & R Johnson (I) Ltd.	Mumbai	Johnson
E	Murudeshwar Ceramics Ltd.	Chennai	Spartek
F	Kajaria Ceramics Ltd.		
G	Asian Granito India Ltd.	Ahmedabad	Asian
<b>1.4</b>	<b>Acid Resistant Tiles</b>		
A	Regency Ceramics Ltd.	Hyderabad	Regency
B	H & R Johnson (I) Ltd.	Mumbai	Endura
C	Kajaria Ceramics Ltd.		Pavigres
<b>1.5</b>	<b>PVC Tiles/ Rolls</b>		
A	All Manufacturers Listed (Having Operative and Valid License) by HIS AI BIS Web Site <a href="http://www.bis.org.in">http://www.bis.org.in</a>		
B	Armstrong World Industries	Mumbai	Excelln
C	Bhor Industries	Delhi	MARBLFX
D	Shyam Vinyl	Chennai	Shyam Vinyles
E	Marble Tiles		
F	Krishna Tiles		
G	Polyfin		
H	Wonder floor		
<b>1.6</b>	<b>PVC Tiles/ Roofs / Anti-Static)</b>		
A	Armstrong World Industries	Mumbai	Solid LG1
B	Premier Poly Film Ltd.	Delhi	ANSTAT
<b>1.7</b>	<b>Epoxy Coating</b>		
A	Fosroc Chemical (I) Pvt. Ltd.	Bangalore	Nitofloor SL 2000/1000
B	Sika	Kolkata	Sika Floor
C	Buildtech Products (I) Pvt. Ltd.	Delhi	Buildpoxy-SL
D	Anupam Industries	Kolkata	-

Sl. No.	Item/ Name of Manufacturer	Place	Brand Name
E	STP	Delhi	
<b>1.8</b>	<b>Floor Hardener</b>		
A	Cico Technologies Limited	Delhi	CICO
B	Samcock Chemicals (P) Ltd.	Ahmedabad	Samhard STD
C	PCC CSS Profssor and Traders	Kolkata	Doronite
D	Chryso	Kolkata/ Delhi	
<b>1.9</b>	<b>Designer Paver Tiles/ Interlocking Tiles ISI Marked/ Grass-Jointed Tiles (1st Quality Only)</b>		
A	Pavit		
B	Ultra		
C	Hindustan		
D	Eurocon		
E	Vyara		
F	Unistone		
G	Konkrete		
<b>2.0</b>	<b>Wood Work</b>		
<b>2.1</b>	<b>Block Board/ Flush Door</b>		
A	All Manufacturers Listed (Having Operative and Valid License) by HIS AI BIS Web Site <a href="http://www.bis.org.in">http://www.bis.org.in</a>		
B	M/s Mysore wood products		
C	M/s Laxmi Doors		
D	M/s Merino Flush door		
<b>2.1</b>	<b>Plywood</b>		
A	All Manufacturers Listed (Having Operative and Valid License) by HIS AI BIS Web Site <a href="http://www.bis.org.in">http://www.bis.org.in</a>		
B	M/s National plywood		
C	M/s Merino Plywood		
<b>2.2</b>	<b>Laminates</b>		
A	All Manufacturers Listed (Having Operative and Valid License) by HIS AI BIS Web Site <a href="http://www.bis.org.in">http://www.bis.org.in</a>		
B	Merino		
C	National		
<b>2.3</b>	<b>MDF Boards</b>		
A	Nuchem Limited	Faridabad	NULAM/NVWUD
B	Mangalam Timber Products Limited	Delhi	Nuwud
C	Western Bio Systems Ltd.	PUNF	Ecoboard
D	Bajaj Eco-Tech Products Limited	Noida	Bajaj
<b>2.4</b>	<b>Particle Board (Plain/ Veneered/ Pre-Laminated)</b>		
A	All Manufactureres Listed by BIS Under is 3097 (Having Operative and Valid License) at BIS Web Site <a href="http://www.bis.org.in/">http://www.bis.org.in/</a>		
B	M/s Kitply		
C	Novapan		
D	Bhutan Board		
E	Ecoboard		
F	Merinova		
<b>2.5</b>	<b>Pressed Steel Door Frames/ Cupboard and Window Frames (Fabricators)</b>		
	M/s SAIL		
	M/s TATA		

Sl. No.	Item/ Name of Manufacturer	Place	Brand Name
<b>3.0</b>	<b>Steel/ Aluminium/ Fire Rated Doors, Windows, Ventilators</b>		
<b>3.1</b>	<b>Pressed Steel Doors/ Windows</b>		
A	SKS Steel Ind.	Delhi	-
B	Dhiman Steel	Delhi	-
C	Supper Steel Windows Co.	Delhi	-
D	RDG Engineering	Mumbai	-
E	Anand Industries	Delhi	-
F	Raymus Engineering	Gurgaon	-
G	M/s Loyal Safe Works Mayapur	New Delhi	
H	M/s Multiwyn Industrial Corpn. Clacutta	Kolkata	
I	M/s Metal Window Corpn.	New Delhi	
J	M/s Chhabra Steel Udyog	260 Sadar Bazar, Meerut Cantt	
K	M/s Delite Safe Works,	Rani Jhansi Road, New Delhi	
L	M/s Ishwar Industries,	175/A Bomay Bazar, Meerut Cantt	
M	M/s Chandni Industries	J-142, Patel nagar 1st, Ghaziabad	
<b>3.2A</b>	<b>Aluminium/ Doors/ Windows Sections</b>		
A	Jindal Aluminium Limited	Bangalore	
B	Hindalco	Mumbai	
C	Indal		
<b>3.2B</b>	<b>Alluminiuml Door/ Windows/ Glazing Fabricator and Anodized</b>		
A	M/s Alumilite Pvt. Ltd.,	New Delhi	
B	AHLCON		
C	M/s Ajit India Pvt. Ltd.	Mumbai	
<b>3.3</b>	<b>Fire Proof Doors</b>		
A	Navair International	Delhi	Viper
B	RDG Engineering	Bombay	Radiant
<b>3.4</b>	<b>Steel Windows, Ventilators (as per IS-1038 of 1983) &amp; frames pressed steel dorr/ window)</b>		
A	M/s Multiwyn Industrial Corpn Calcutta	Kolkata	
B	M/s Metal Window Corp N/Delhi	New Delhi	
C	M/s Govind Enterprises, Delhi	Delhi	
D	M/s Chhabra Steel Udyog 260, Sadar Bazar, Meerut Cantt, Agent Steel MFG Pvt. Ltd. Ahmedabad, Godrej.		
E	M/s Chandni Industries, J-142, Patel Nagar Ist, Ghaziabad	Ghaziabad	
<b>3.5</b>	<b>Rolling Shutters (ISI marked)</b>		
A	Swastic	Mumbai	
B	Hercules	Bangalore	
C	Shubdwar		
D	M/s Bharat Rolling Shuters Industries Agra Rama Rolling Shutter Works		
E	Gandhi Entrance Automations Private Limited		
<b>4</b>	<b>Door/ Windows Fittings</b>		

Sl. No.	Item/ Name of Manufacturer	Place	Brand Name
<b>4.1</b>	<b>Mortice Locks with Handles</b>		
A	Godrej & Boyce	Mumbai	Godrej
B	Everite Agencies (P) Ltd.	Delhi	Everite
C	Golden Industries	Delhi	Golden
<b>4.2</b>	<b>Hydraulic Door Closer (Overhead/ Floor Mounted)</b>		
A	All Manufactureres Listed by BIS Under is 3087 (Having Operative and Valid License) at BIS Web Site <a href="http://www.bis.org.in/">http://www.bis.org.in/</a>		
B	Doorking Industries	Delhi	Doorking
C	Godrej & boyce	Mumbai	Godrej
D	Ditec (Gandhi)	Mumbai	
<b>4.3</b>	<b>Misc. Door Fittings e.g. Hinges, Tower Bots, Latches, Stoppers etc.</b>		
A	All Manufacturers Listed by BIS under IS:3087 (Having operative and valid license) at BIS Web Site <a href="http://ww.bis.org.in/">http://ww.bis.org.in/</a>		
B	Everite Agencies (P) Ltd.	Delhi	Everite
C	EBCO Industries	Delhi	EBCO
D	ECIE (P) Ltd.	Mumbai	ECIE
E	Hardwyn Traders	Mumbai	Hardwyn
<b>4.4</b>	<b>Aluminium/ Doors/ Windows Fittings</b>		
A	M/s Elite Enterprises C/6 Shalimar Hardware 133, Jarg Mahal, Dhobitalao Mumbai 400002		
B	M/s Mohan Metal Industries 178/2-A, Bhole Nath Nagar, Shahadara, Delhi 110032		
C	Mepro, Argent New Delhi, Classic, New Delhi		
D	Argent New Delhi,		
E	Golden Industries Pvt. Ltd.	Delhi	
<b>4.5</b>	<b>Automatic Glass Door</b>		
A	Ditec (Gandhi)	Mumbai	
<b>4.6</b>	<b>Aluminium Grill</b>		
A	Alu Grill	Bangalore	
B	Arihant Aluminium Corporation		
C	Decogrille		
<b>4.7</b>	<b>Builders Hardware</b>		
A	M/s Golden Industries Pvt.Ltd. Everite, Solo	delhi	
<b>5.0</b>	<b>Roof Treatment (Water - Proofing)</b>		
<b>5.1</b>	<b>P.U. Based Waterproofing (One Component)</b>		
A	Llyod Insulations (I) Ltd.	Delhi	Isothane Ema
B	Cico Technologies Ltd.	Delhi	Corchem 2061
C	Fosroc Chemical (I) Pvt. Ltd.	Bangalore	Nitoproof
D	STP Ltd	Kolkata	Super Thermolay
E	Pidilite	New delhi	
<b>5.2</b>	<b>P.U. Based Waterproofing (Two Component)</b>		
A	STP Ltd	Delhi	
B	Pidilite	Pune	
C	Fosroc Chemical (I) Pvtl. Ltd.	Bangalore	Brushbond
D	Sika	Kolkata	Sikalastic
E	The Structural Water Proofing Co.Pvt. Ltd.	Delhi/ Kolkata	Chryso
<b>5.3</b>	<b>Approved Membrane</b>		
A	Llyod Insulations (I) Ltd.	Delhi	Lloyed Plastolan

Sl. No.	Item/ Name of Manufacturer	Place	Brand Name
B	Buildtech Products Pvt. (I) Ltd.	Delhi	Buil Dwrap P
C	Cico Technologies Ltd.	Delhi	CICO Shield
D	Fosroc Chemical (I) Pvt. Ltd.	Bangalore	Proofex
F	Sika	Kolkata	Sika WP Shield
G	STP Ltd	Kolkata	Super Thermolay
H	Chryso	Delhi/ Kolkata	Tapelastic, Elastothane
<b>6.0</b>	<b>Painting Works</b>		
	Plastic/ Acrylic Emulsion Paint	Jodhpur	
<b>6.1</b>	<b>(Internal and External, Distemper/ Acrylic Distemper)</b>		
A	ICI Paints/ ICI India Ltd.	Kolkata	
B	Berger Paints	Kolkata	Lewis Berger
C	Asian Paints	Mumbai	Asian Paint
D	Shalimar Paints	Mumbai	Color Space
E	Nerolac Paints	Mumbai	
F	Acropaints/ Iimited	Delhi	
<b>6.2</b>	<b>Synthetic Enamel Paint (for Building Works)</b>		
A	ICI Paints/ ICI India Ltd.(Dulux)	Kolkata	
B	Berger Paints	Kolkata	
C	Asian Paints(Apcolite)	Mumbai	
D	Shalimar Paints(Superlac)	Mumbai	
E	Nerolac Paints	Mumbai	
<b>6.3</b>	<b>Waterproof Cement Paint</b>		
A	Killick Nixon Ltd.	Mumbai	Snowcem
B	ICI Paints/ ICI India Ltd.	Kolkata	
C	Acropaints/ Iimited	Delhi	Acrocfm
D	Snow White Industrial Corpn	Chennai	Supercem
E	Rajdoot Paints	Delhi	Xlracem 78 Super Cement Paint
F	Asian Paints	Mumbai	
<b>6.4</b>	<b>Decorative Textured Coating</b>		
A	Luxture Surface Coatings Pvt. Ltd.	Ajmer	Luxture
B	Bakelite Hylam Ltd.	Secundrabad	Heritage
C	NCL Alltek and Seccolor Ltd.	Hyderabad	Alltek
D	Acro paints Ltd.	Delhi	Acrotextures
E	Unitile	Delhi	Unitile
F	Spectrum Paint	Delhi	Spectrum
<b>6.5</b>	<b>Polishing (for Woodwork)</b>		
A	Asian Paints	Mumbai	Asian Paint
B	Shalimar Paints	Mumbai	Mellac
<b>7.0</b>	<b>Roofing Sheets &amp; Accessories</b>		
<b>7.1</b>	<b>Precoated Profiled G.I./ Galvalume/ Zinalume Sheets</b>		
A	Llyod Insulations (I) Ltd.	Delhi	Lloydeck
B	Interarch Building Products (P) Ltd.	Noida	Tracdek
C	Multi Colour Steel (I) Pvt. Ltd.	Delhi	Multi .....
D	Hardcastele & Waud Mfg. Co. Ltd.	Mumbai	Fero Colour
E	Japan Metal Building Systems Pvt. Ltd.	Bangalore	JMBS
F	TATA Bluescope Steel Limited	Pune	Trimdf CK
G	Era Building Systems Limited	Delhi	ERA
H	Shree Precoated Steels Limited	Mumbai	Metacolour

Sl. No.	Item/ Name of Manufacturer	Place	Brand Name
<b>7.2</b>	<b>C.G.I. Sheet</b>		
A	ISPAT Industries Ltd.	Delhi	Everest
B	Steel Authority of India Ltd.	-	SAIL
C	TATA Steel	-	TISCO
<b>7.3</b>	<b>Aluminium Sheet</b>		
A	Jindal Aluminium Limited	Bangalore	
B	Hindalco	Mumbai	
<b>7.4</b>	<b>Fiber Glass Sheet &amp; Panels</b>		
A	Simba Frp (P) Ltd.	Delhi	
<b>8.0</b>	<b>Sanitary, Plumbing Fittings &amp; Fixtures</b>		
<b>8.1</b>	<b>Sanitary Fittings</b>		
A	All Manufacturers Listed by BIS under IS:3087 (Having operative and valid license) at BIS Web Site <a href="http://www.bis.org.in/">http://www.bis.org.in/</a>		
B	Hindustan sanitary ware	New delhi	HSW
C	Jaquar & Company Ltd.	Delhi	Jaquar
D	Parko	Delhi	Parko
E	Cera		
<b>8.2</b>	<b>Plumbing Fittings and Fixtures</b>		
A	Jupiter Aqua Lines Ltd.	Mohali	Jupiter
B	Othello Faucets Pvt. Ltd.	Delhi	Mayur
C	Orient Ceramics	Delhi	Orient
D	Gem International	Faridabad	Gem
E	Parkash Brassware Industres	Delhi	Parko
F	Jaquar & Company Ltd.	Delhi	Jaquar
G	Plastocraft Sanitary India Pvt. Ltd./ HSW	Delhi	Kingston
8.2H	Cast Iron Pipes and Fittings Hindustan Engineerng Products Company	Calcutta	HSW
<b>8.2I</b>	<b>RCC Pipes</b>		
A	Indian Hume Pipe Company	Delhi/ Allahabad/ Chandigarh/ Lucknow	
B	Hindustan Pressure Pipes	Kolhapur	
C	Dhere Concrete Products	Pune	
<b>8.2J</b>	<b>GI Pipes</b>		
A	Indian Tube Company	Culcutta	
B	Kalinga Tubes Limited	Cuttack Gujarat	
C	Steel Tube		
D	Zenith Tube Co.	Kolaba	
E	Bharat Steel Tube	New Delhi	
F	Jindal		
G	Shivmoni Steel Tubes Limited	Bangalore	
H	Sekhar Iron Works	Calcutta	
I	Jain Tubes,	Ghaziabad	
J	Khandelwal Tubes	Nagpur	
<b>8.2K</b>	<b>G.I. Fittings</b>		
A	International Pipe Works	Calcutta	
B	R.M. Engineering Works	Jalandhar	
C	Bombay Metal Company	Bombay	

SI. No.	Item/ Name of Manufacturer	Place	Brand Name
D	Tarapada Das & Sons	Howrah	
E	Annapurna Metal Works	Calcutta	
F	Zenith Tube co.	Mumbai	
<b>8.2L</b>	<b>Gun Metal Valves and Copper Alloy Valve</b>		
A	Leader Engineering Wroks	Jalandhar	
B	Neta Engineering Works	Jalandhar	
C	Lakshmi Metal Works	Jalandhar	
D	Bombay Metal & AlloysCompany	Bombay	
E	Luster Sanitary Fittings	Jalandhar	
F	Annapurna Metal Works	Culcutta	
<b>8.2M</b>	<b>Sluice Valves, Check Valves etc.</b>		
A	Shiva Durga Iron Works,	Howrah	
B	Leader Engineering Wroks	Jalandhar	
C	Kirloskar Bros Limited	Pun	
D	Indian Valve	Calcutta	
E	Geeta Iron & Brass Works	Baroda	
<b>8.2N</b>	<b>Brass Fittings</b>		
A	Leader Engineering Wroks	Jalandhar	
B	L & K Mathura		
C	Luster Sanitary Fittings	Jalandhar	
D	Annapurna Metal Works	Calcutta	
E	Neta Engineering Works	Jalandhar	
F	Honey Industril Corporation	Bombay	
<b>8.2O</b>	<b>C.P. Fittings</b>		
A	Jaquar & Company Ltd.	Delhi	
B	Gem Sanitary Appliances Pvt. Ltd.	Delhi	
C	Essco Sanitations	Delhi	
D	Hindustan sanitary ware	New delhi	HSW
<b>8.2P</b>	<b>Hydrants</b>		
A	Brady's	Bombay	
B	Firex	Bombay	
C	Upadhya Valves	Calcutta	
D	Eddy Foundry	Calcutta	
E	Minimax	Delhi	
<b>8.2Q</b>	<b>Stone Ware (Salt - Glazed) Pipes</b>		
A	Hind Ceramics Limited	Orissa	
B	Ceramic Industries Limited	Sambalpur	
C	Shrikamakshi Agencies	Madras	
D	Binary Udyog Pvt. Limited	Howrah	
E	Tirumati Moulds Limited	Nagpur	
F	Kiran Potteries	Hyderabad	
G	Perfect Sanitary Pipes	Bharatpur	
<b>8.3</b>	<b>Mirror/ Glass</b>		
A	Atul Glass	Delhi	Atul
B	Gujarat Guardian Ltd./ Modi / Saint Gobain	Delhi	Modiguard
C	Triveni Glass	Kolkata	Triveni
D	Continental Float Glass	Delhi	Continental
E	Hindustan Safety Glass	Kolkata	Hindustan
F	Saint Gobain	Delhi	Saint Gobain
<b>9.0</b>	<b>False Ceiling</b>		



Sl. No.	Item/ Name of Manufacturer	Place	Brand Name
<b>9.1</b>	<b>Aluminium Strip/ Tray Type</b>		
A	Interarch Building Products (P) Ltd.	Noida	Trac
B	Hunter Douglas	Delhi	Luxalon
C	Llyod Insulations (I) Ltd.	Delhi	Lloyd Lineal Celings
<b>9.2</b>	<b>Gypsum Board</b>		
A	Saint-Gobain Gyproc India Ltd., LA, IP Board	Mumbai	Gypboard
<b>9.3</b>	<b>False Ceiling (Mineral fibre tiles)</b>		
A	Armstrong		
B	Daiken		
C	Luxalon		
D	Llyods		
E	Anchor ceiling tiles		
<b>10.0</b>	<b>False Flooring</b>		
A	United Access Floors	Mumbai	Unitile
B	Multi Floors	Delhi	
C	A.R & Brothers	Chennai	
D	Bestlock System & Concepts, Godrej	Mumbai	
E	Universal Building Products	Delhi	Uniflex
<b>11.0</b>	<b>Insulation</b>		
<b>11.1</b>	<b>Underdeck Insulation</b>		
A	Bakelite Hylam Ltd.	Secundrabad	Phenotherm
B	Llyod Insulations (I) Ltd.	Delhi	Isolloyd
C	UP Twiga Fibre Glass Limited	Delhi	TWIGA
<b>11.2</b>	<b>Overdeck Insulation</b>		
A	Llyod Insulations (I) Ltd.	Delhi	Lloyd Spray Foam
B	Best Plastronics Ltd.	Delhi	Best Plastronics
<b>12.0</b>	<b>Miscellaneous Items</b>		
<b>12.1</b>	<b>Water Proofing Compound in Plaster</b>		
A	Cico Technologies Ltd.	Delhi	CICO No.1
B	Pidilite Industries	Mumbai	Pidiproof LA
C	Amit Chemicals (P) Ltd.	Delhi	CRETO ADMIX
<b>12.2</b>	<b>CPRX Bituman Mastic</b>		
A	Shai Imar Tar Products	Delhi	Shalimar Tar
<b>13.0</b>	<b>Concrete Admixtures</b>		
<b>13.1</b>	<b>Water Proofing Compound</b>		
A	Cico Technologies Ltd.	New Delhi	CICO No.1, CICO Super, CICO Acry
B	Kryton Buildmat Co Pvt. Ltd.	Delhi	KIM
C	Sika India Pvt. Ltd.	Kolkata	Plastocrete Plus
D	Shai Imar Tar Products	Delhi	Shalimar Tar
E	STP Ltd.		
<b>13.2</b>	<b>Water Reducing Compounds</b>		
A	CICO Technologies Ltd.	Delhi	CICOPLAST Super
B	Fairmatf Chemicals Pvt. Ltd.	Vadodara	Faircrete N Fairflo
			Fairf LO S

Sl. No.	Item/ Name of Manufacturer	Place	Brand Name
C	Sika India Pvt. Ltd.	Kolkata	Plastiment BV Plastiment 81 Plastiment 70 Sikament FF Sikament NN Sikament NN (BWS) Sikament NNSP1 Skamen 1 Sikarapid 1 Sikaviscocr : L 20HE Sikaviscocre TE R550 (I) Sika AER
<b>14.0</b>	<b>Construction Chemicals</b>		
<b>14.1</b>	<b>Polysulphide Sealant</b>		
A	Cnowksfy Chemicals Pvt. Ltd.	Mumbai	Techseal
B	Cico Technologies Ltd.	Delhi	CICOSEALANI T580
C	Fosroc Chemical	Delhi	Thioflex 660
D	Pidilite Industries	Mumbai	Pidiseal PS42P
E	Sika India Pvt. Ltd.	Kolkata	SIKA Polysul PH:DE (Sika AST:C) Construction
<b>14.2</b>	<b>Silicon Sealants</b>		
A	Pidilite Industries Ltd.	Mumbai	Dr. Fixit Silicon Sealant WX
<b>15.0</b>	<b>Anchor Fasteners</b>		
<b>15.1</b>	<b>Mechanical Anchor Fasteners</b>		
A	Hilti India Pvt. Ltd.	Delhi	
B	Fischer Fixing Systems (MICO) Ltd.	Bangalore	
<b>15.2</b>	<b>Chemical Anchor Fasteners</b>		
A	Hilti India Pvt. Ltd.	Delhi	
B	Fischer Fixing Systems (MICO) Ltd.	Bangalore	
<b>16.0</b>	<b>Electro-Forged Gratings</b>		
A	Greatweld Steel Gratings Pvt. Ltd.	Pune	
B	Indiana Gratings Pvt. Ltd.	Mumbai	
<b>17</b>	<b>Modular Partitions/ Furniture</b>		
A	Godrej, Blowplast, Featherlire, Duriar		
<b>18.0</b>	<b>Wall Care Putty for Base Preparation (1st Quality Only)</b>		
A	Birla Wall Care Putty		
B	Berger	delhi	
C	Jenson & Nichoison	Gurgaon	
D	JK White	Udaipur	
<b>19.0</b>	<b>White Cement (1st Quality Only)</b>		
A	Birla White		
B	JK White		
<b>20.0</b>	<b>Sheet Glass/ Structural Glazing</b>		
A	Hindustan Pilkington Glass Works	Chennai	
B	Saint Gobain	Chennai	
C	Modi Float	Delhi	

Sl. No.	Item/ Name of Manufacturer	Place	Brand Name
D	Triveni Float Glass	Allahabad	
E	ASI		
F	Fresca		
G	Emirates		
<b>21.0</b>	<b>Polycarbonate Sheet</b>		
A	GE Plastic, Everest		
<b>22.0</b>	<b>Multiell/ Multiwall Polycarbonate Panel</b>		
A	M/s Coxwell Domes Engineering, Delhi	Delhi	
B	M/s Lexan, M/s Galina India Pvt. Ltd.	New Delhi	
C	M/s Vijaynath Interiors & Exteriors Products	Mumbai	
<b>23.0</b>	<b>Stainless Steel Railing</b>		
A	Jindal		
<b>24.0</b>	<b>Punch Tape Concetina Coil</b>		
A	Global Technocrat, S.G. Engineers	Delhi	
<b>25.0</b>	<b>Punch Tape In Plastic Spool</b>		
A	Global Technocrat, S.G. Engineers	Delhi	
<b>26.0</b>	<b>Stainless Steel Railing</b>		
A	Jindal	New Delhi	
<b>27.0</b>	<b>SGSW Pipes (IS-651) ISI marked</b>		
A	Perfect Agra, Devraj Ind. Gaziabad, Buran, RK, Prince, Supreme Pipe and Fittings		
<b>28.0</b>	<b>CI (Centrifugally Cast) Pipes for Sewage Disposal ISI Marked</b>		
A	NICCO, SRIF, A-1 Singhal Casting Co Agra, Jindal Saw, Kesoram		
<b>29.0</b>	<b>PVC Rain Water/ Sewage Pipes (IS-4985)</b>		
A	Reliance, Finolex, Supreme, Kisan, Prince		
<b>30.0</b>	<b>HDPE Water / Sewage Pipes (Rotational Moulded)</b>		
A	Sintex, Swift, Nutech, Sheetal		
<b>31.0</b>	<b>Asbestos Cement Pipes and Fittings</b>		
A	Ganga Asbestos Limited	U.P	
B	Hyderabad Asbestos Cement Products Limited		
C	J.K. Super Pipes Industries	Nanded	
D	Konark Cement and Asbestos Limited	Orissa	
E	Maharashtra Asbestos Limited	Bombay	
F	Poddar Industrial Corporation	Patna	
G	Sarbamangala Mfg. Company	Calcutta	
<b>32.0</b>	<b>Wind Driyen Air Ventilators</b>		
A	Multi Colour		
B	Anchit Ispat Pvt. Ltd.	Faridabad	
C	Apurva Enterprises	Mumbai	
D	SVS Wind Driven Turbo Ventilator	Ahmadnagar	
E	Real Green Engineers Pvt. Ltd. Bagalores	Bangalore	
F	Sun Green Ventilation System Pvt. Ltd	Mylapore	

**Enclosed to Corrigendum – 1**  
**To Tender No.: 12000116-HD-10129**

# **ANNEXURE – III**



HPCL

**PREAMBLE TO PRICE SCHEDULE  
FOR  
COMPOSITE WORK FOR RECEIPT STATION AT SALAWAS- SUPPLY  
Bid Doc. No.: 05/51/23NG/HPCL/002**



MECON LIMITED

II		FIRE PROTECTION WORKS	Unit	Qty.
Line No.	Item No.	Description of Item		
186	FS-4.01.00	Supply of two nos. single outlet 63 mm dia landing valve (conforming to IS : 5290 : 1983 - type -A) with matching flanges (Conforming to IS : 6392 Table-17), bolts, nuts and gaskets, etc., complete as specified. (1 set consists of 2 nos of single valves)	Set	6
187	FS-4.02.00	Supply of 75 mm size 2580LPM GM stand post type water monitor (conforming to IS : 8442 : 2008 type-1, UL Listed, LPCA Approved) with drain provision and all other accessories including suitable orifice plate to reduce pressure from 10.5 kg cm <sup>2</sup> to 7 kg / cm <sup>2</sup> at monitor and matching flanges conforming to IS: 6392 Table - 17, bolts, nuts and gaskets complete as specified.	No.	3
188	FS-4.03.00	Supply of 75mm size 2580LPM GM stand post type water cum foam monitor (conforming to IS : 8442 : 2008 type-2, UL Listed, LPCA Approved) with foam pick up tube, drain provision and all other accessories including suitable orifice plate to reduce pressure from 10kg/cm <sup>2</sup> to 7 kg/cm <sup>2</sup> at monitor and matching flanges conforming to IS : 6392 Table - 17, bolts, nuts and gaskets complete as specified.	No.	4
189	FS-4.04.00	Supply of F R P fire hose cabinet suitable for accommodating 2 nos of 15 mtrs long hose with double glass door, lock & key including outdoor mounting arrangement complete as specified .	No.	6
190	FS-4.05.00	Supply of fire hose of 2 nos each of 15 m length conforming to IS : 636 type-A branch pipe with nozzle, coupling, branch pipe spanner etc. conforming to IS: 903 : 1984 (1 set consists of 2 nos each of 15m length)	Set	6
191	FS-4.06.00	Supply of suitable Orifice plate for reducing the pressure from 8-10 kg/cm <sup>2</sup> to 2.5-4 kg/cm <sup>2</sup> as per technical specification.	No.	4
	FS-5.00.00	<b>CLEAN AGENT FIRE SUPPRESSION SYSTEM</b>		
192	FS-5.01.00	Supply of 120 Ltrs. Seamless cylinder CCOE approved, complete with valve assembly & arrangement for supervisory switch connection for monitoring cylinder pressure gauge with a safety burst disc and a safety cap as main bank and standby bank for Clean Agent System.	Set	14
193	FS-5.02.00	Supply of Clean Agent gas as per NFPA-2001 stipulations and filling the same in above supplied seamless cylinders at UL/FM/ Statutory authority approved filling station.	kg.	1232



**PREAMBLE TO PRICE SCHEDULE  
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COMPOSITE WORK FOR RECEIPT STATION AT SALAWAS- ERECTION  
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**MECON LIMITED**

VI		ARCHITECTURAL WORKS	Unit	Qty.
Line No.	Item No.	Description of Item		
	SW 01.00.00	Providing and fixing white vitreous china pedestal type wash basin (Size 55X40cm approx.) Hindware cat. No. 10010 (Delta), having single or double holes with 32 mm CP brass waste fittings, 32 mm CP brass bottle trap, 15mm PVC inlet water pipe connection, painted CI brackets, etc., complete in all respect completely recessed at the back for the reception of pipes and fittings all complete		
<b>317</b>	SW 01.01.00	white/colour shade	EACH	4
	SW 02.00.00	Providing and fixing vitreous chinaware white/ colour floor mounted type European water closet with matching cistern of dual flush type, 3/6 litres capacity, concealed flush pipe all complete with C.P. bolts & nuts and solid plastic matching seat cover with C.P. hinges, rubber buffers etc. complete in all respects. Hindware Cat No. 20024		
<b>318</b>	SW 02.01.00	white/colour shade	EACH	3
<b>319</b>	SW 03.00.00	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass including painting of fittings and cutting and making good the walls and floors wherever required : Hindware cat 60002 or equivalent	EACH	2
<b>320</b>	SW 04.00.00	Providing and fixing box type half-round white glazed channels 100mm size with dead and outlet ends of approved make, set in cement mortar 1:3 and joints finished with white cement	RM	2
	SW 05.00.00	Providing 5.5mm thick polished plate glass mirror of approved make with 6mm thick asbestos sheet backing including fixing to wall by means of rawl plugs, all complete		
<b>321</b>	SW 05.01.00	600 x 450 mm size	EACH	4
<b>322</b>	SW 06.00.00	Providing and fixing glass shelf with CP guard rail of Hindware cat No. F830007.	EACH	4
<b>323</b>	SW 07.00.00	Providing and fixing soap dish (brass) of Hindware Cat No. F870004 or equivalent complete with all respect.	EACH	2
<b>324</b>	<b>SW 08.00.00</b>	<b>Providing and fixing liquid soap container (tilting type) with metallic body Jaquar Cat No. 1137 N or equivalent complete with all respect.</b>	<b>EACH</b>	<b>4</b>



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**MECON LIMITED**

VI		ARCHITECTURAL WORKS	Unit	Qty.
Line No.	Item No.	Description of Item		
325	SW 09.00.00	Providing and fixing recessed toilet paper roll holder including roller white/colour glazed vitreous china, Hindware cat No. F830006	EACH	3
326	SW 10.00.00	Providing and fitting CP brass 15mm size long nose pillar tap (Hindware cat. no. F200001) of superior quality of approved make with ISI mark (including connecting flexible PVC connecting pipe)	EACH	4
327	SW 11.00.00	Providing and fitting 15mm dia CP brass bib cock (Hindware cat No. – F 200003) of superior quality of approved make with ISI mark.	EACH	4
328	SW 12.00.00	Providing 15mm dia CP Brass concealed stopcock (Hindware cat No. – F 200007) of superior quality (Male/Female end) with ISI mark	EACH	9
329	SW 13.00.00	Providing and fitting long body CP bib tap (Hindware cat No. – F200011) of superior quality with ISI mark	EACH	1
330	SW 14.00.00	Providing and fixing CP brass towel rail (HINDWARE Cat No. – F830001), complete with all respect.	EACH	2
331	SW 15.00.00	Providing and fixing Eye/face wash, model no.7001 pedestal-mounted from Tobit Engineers, complete with all by-works.	EACH	2
	SW 16.00.00	Supplying, jointing, cutting and fixing in position PVC rain water down pipes of following diameters, including all necessary specials like bends, shoes, tees, clamps etc. jointing with spun yarn, red lead and cement mortar 1:1, painting two coats over a coat of primer, etc., complete as per specifications, drawings and directions of the Engineer.		
332	SW 16.01.00	100mm dia	EACH	35
333	SW 17.00.00	Providing & fixing C.P. brass health faucet (Hindware Cat No. – F 160023)	EACH	3
334	SW 18.00.00	Providing and fixing CP brass twin coat hook/ robe hook in position (Hindware Cat No.- F805005)	EACH	6

**Enclosed to Corrigendum – 1**  
**To Tender No.: 12000116-HD-10129**

# **ANNEXURE – III-A**





**PREAMBLE TO PRICE SCHEDULE  
FOR  
COMPOSITE WORK FOR RECEIPT STATION AT SALAWAS- ERECTION  
Bid Doc. No.: 05/51/23NG/HPCL/002**



**MECON LIMITED**

V		ELECTRICAL WORKS		
Line No.	Item No.	Description of Item	Unit	Qty.
154	EE05.04.00	40 mm blue granite metal for spreading in the fenced area .	Sqmtr	300
155	EE05.05.00	Isolator of suitable rating at last pole of State Electricity Board.	Nos.	1
		<b>DG SET and its auxiliaries</b>		
	EE06.00.00	Design, engineering, manufacture, shop testing, supply including packing and forwarding, transportation, delivery at site, storage, transportation from storage to site, supply of all associated auxiliaries like stack , stack insulation , day tank, interconnecting piping etc complete in all respect as specified in technical specification, data sheet and <b>SLD no. MEC/23NG/05/E9/E/004/1081A</b>		
156	EE06.01.00	<del>3 Phase ,250 KVA DG Set with AMF Panel and including all associated accessoreis-</del>	Set	<b>DELETED</b>
157	EE06.02.00	Training to client Personnel with demo, presentation etc.	Set	1
158	EE06.03.00	Submit offer for Post Warranty AMC.	Set	1
		<b>LT PANEL(PMCC)</b>		
	EE07.00.00	Installation, testing, commissioning including supervision of testing and commissioning by main equipment supplier of:		
159	EE07.01.00	415 V, 30 KA single front type indoor LT Panel to receive input power from HT panel with operating mechanism, all accessories, auxiliaries etc complete in all respects as specified in technical specification, data sheet & <b>SLD no. MEC/23NG/05/E9/E/004/1081A.</b>	Set	1
160	EE07.02.00	Recommended spares for LT Panel based on <b>SLD no. MEC/23NG/05/E9/E/004/1081A</b> for 2 years operation & maintenance.( The list of recommended spares along with the item wise price shall be enclosed with the price part . Unpriced list of the recommended spares shall be enclosed with the technical part.)	Set	1
		<b>415 V LT MOV Distribution Board (MOV DB)</b>		
	EE08.00.00	Installation, testing, commissioning including supervision of testing and commissioning by main equipment supplier of:		
161	EE08.01.00	415 V, 30 KA <b>double front type</b> indoor LT MOV Distribution Board to receive input power from PMCC with operating mechanism, all accessories, auxiliaries etc complete in all respects as specified in technical specification, data sheet & <b>SLD no. MEC/23NG/05/E9/E/004/1081A.</b>	Set	1
162	EE08.02.00	Recommended spares for 2 years operation & maintenance.( The list of recommended spares along with the item wise price shall be enclosed with the price part . Unpriced list of the recommended spares shall be enclosed with the technical part.)	Set	1
		<b>UPS SYSTEM</b>		



HPCL

**PREAMBLE TO PRICE SCHEDULE  
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MECON LIMITED

III		ELECTRICAL WORKS	Unit	Qty.
Line No.	Item No.	Description of Item		
		<b>Outdoor Type Transformer</b>		
	<b>ES05.00.00</b>	Supply of Distribution Transformer along with all accessories as per REC specification 11/1976 and/or IS 2026/1180 , MEC/TS/05/E9/080 and latest amendments there of and all miscellaneous civil materials required to complete HT & LT installation as per the tender.		
<b>237</b>	<b>ES05.01.00</b>	<b>Supply</b> of 1250 KVA , 11 kV/433 V outdoor type, 3Ph, 50Hz, copper wound, Dyn11, ONAN distribution transformer complete with all accessories and first oil filled. Termination arrangement for HV side & LV side shall be as per SLD no. MEC/23NG/05/E9/E/004/1081A. <b>(Make of Transformer shall be approved from State Electricity Board/MECON.)</b>	No	2
<b>238</b>	<b>ES05.02.00</b>	11 kV, ACSR weasel conductor as required for stringing between State Electricity Board source and consumer end.	Mtr.	300
<b>239</b>	<b>ES05.03.00</b>	Material for chain link fencing of ( height 2.5 m) for the sub station area with ISA 50 x 50 x 6 mm angle and 4 mm thick welded wire mesh and 1 no. gate ( 2x2 mtr.) complete with all material, welding and labour.	Mtr.	250
<b>240</b>	<b>ES05.04.00</b>	40 mm blue granite metal for spreading in the fenced area .	Sqmtr	300
<b>241</b>	<b>ES05.05.00</b>	Isolator of suitable rating at last pole of State Electricity Board.	Nos.	1
		<b>DG SET and its auxiliaries</b>		
	<b>ES06.00.00</b>	Design, engineering, manufacture, shop testing, supply including packing and forwarding, transportation, delivery at site, storage, transportation from storage to site, supply of all associated auxiliaries like stack , stack insulation , day tank, interconnecting piping etc complete in all respect as specified in technical specification, data sheet and <b>SLD no. MEC/23NG/05/E9/E/004/1081A</b>		
<b>242</b>	<b>ES06.01.00</b>	<del>3 Phase ,250 KVA DG Set with AMF Panel and including all associated accessories</del>	<b>DELETED</b>	
		<b>LT PANEL (PMCC)</b>		
	<b>ES07.00.00</b>	Design, engineering, manufacture, shop testing, supply including packing and forwarding, transportation, delivery at site, storage, transportation from storage to site of following panels :		

**Enclosed to Corrigendum – 1  
To Tender No.: 12000116-HD-10129**

# **ANNEXURE - IV**

**Project:- Composite Works for Salawas Recieving Station - Awa-Salawas Pipeline Project****Tender No. 12000116-HD-10129**

S. No.	Bidder's Query	Reply to Bidder's Query
2215	Dear Sir, In BEC Technical Section it is mentioned that Bidders should have completed composite works comprising of fabrication, erection, testing and commissioning of above ground process piping for petroleum product. Please let us know whether experience in various gas piping works for various combined cycle power plants of Air separation plant will suffice the BEC requirement.	Tender Conditions Prevails. Experience other than in aboveground process pipings of <b>petroleum products</b> shall not meet the BEC requirement.
2255	Definition of similar work Values of similar works completed as define in technical PQR is including value of supply or excluding value of supply. Kindly clarify the same.	Tender Conditions prevails. Cost of similar completed work includes value of supply also.