

TENDER DOCUMENT
FOR
COMPOSITE WORK OF
EQUIPMENT SHIFTING, MECHANICAL & ELECTRICAL WORK

AT

Indian Oil Corporation Limited

Barauni Refinery, Bihar

PRICED BID – PART – II

Tender No. : ROFS/2K18/06/ENQ/02

Tender Date : 08.06.2020

Due date and time: 15.06.2020 upto 15:00 Hours

Date & Time of Opening: 15.06.2020 at 16:00 Hours

Balmer Lawrie & Co. Ltd.

REFINERY & OILFIELD SERVICES
21, Netaji Subhas Road, Kolkata 700 001

NOTES ON PRICE SCHEDULE

- 1.0 Details of the items under this Schedule shall be read in conjunction with this note and corresponding Specifications, Drawings and other Tender Documents.
- 2.0 The work shall be carried out as per approved drawings, Specifications and the description of the items in this Schedule and/or Engineer's instructions
- 3.0 The tenderer should quote for all items in the Schedule of Rates. The rates should be expressed in English both in figures and words. Where discrepancy exists between the two, the rates expressed in words will prevail. Similarly if there is any discrepancy between unit rate and total amount, the unit rate will prevail.
- 4.0 The rates should be quoted in the same units as mentioned in the tender schedule of quantities.
- 5.0 All entries in the tender documents should be in ink / type. Corrections if any should be attested by full signature of the tenderer.
- 6.0 Every page of the tender document including annexure / enclosures shall be stamped and signed by the tenderer or his authorized representative thereby indicating that each and every page has been read and the points noted.
- 7.0 Items of work provided in this Schedule but not covered in the Specifications shall be executed strictly as per instructions of the Engineer-In-Charge.
- 8.0 The Quantities of the various items mentioned in the Schedule of Items are approximate and may vary up to any extent or be deleted altogether.
- 9.0 Engineer's decision shall be final and binding on the Contractor regarding clarification of items in this Schedule with respect to the other sections of the Contract.

Price Bid: Tender No. ROFS/2K18/06/ENQ/02 dated 08.06.2020

Composite work of Equipment Shifting, Mechanical & Electrical Work at IOCL Barauni Refinery

SL No.	Description of Job	Unit	Qty	Rate	Amount
1.00	Shifting of following Plant & Machinery involving Loading, Transportation , Unloading from BL existing sludge processing plant to a new location within 3KM radius inside IOCL, Barauni Refinery with arrangement of 2 Nos. Hydras and 2 Nos. 20" Open Dalah truck /Trailer, required Manpower along with required PPE as per direction of BL Site In charge.Scope of work also includes desmantling of all sludge processing equipment at existing location and placement of the same after unloading at new location as per direction of the BL's Site Incharge	LS	1.00		
1.10	Rectangular sludge processing tanks[Size 20ft(L) X 8 ft(W) X 6 to 9 ft(H) -5 Nos,Shaker unit ,Decanter Module along with RO tanks,Hydraulic Power pack, Electrical Panel, Screw pump -6 sets, Trash pump, Pipes,cables,valves,hoses etc				
2.00	Providing & fixing LRB mineral wool mattresses 50 mm thk Insulation Over 2" dia Pipe including fixing cladding with plain AL sheet 24 SWG.	Meter	200.00		
3.00	Supply of 50NB ERW Heavy MS Pipes as per IS 1239	Meter	150.00		
4.00	Supply of 100NB ERW heavy MS Pipes as per IS 1239	Meter	100.00		
5.00	Supply and erection of pre-coated colored sheet including scaffolding work for making top cover for all processing tanks as mentioned in sl 1.1 above	LS	1.00		
6.00	Supply and erection of 4 "dia wire braided OSD Rubber hose suitable for wkg.pr. of 16 kg/cm2 temp. and Temp100degc both end fitted with IBR quality class #150 flanges as per ANSI B 16.5.	Meter	150.00		

7.00	Supply and erection of 2 "dia X 25 mtr length wire braided OSD Rubber hose suitable for wkg.pr. Of 16 kg/cm2 temp. and Temp100degc both end fitted with IBR quality class #150 flanges as per ANSI B 16.5	Meter	50.00		
8.00	Supply and rection of 2" dia X 10 mtrs length Hose suitable for steam wkg pressure 16kg/cm2 Temp 200 degc both end fitted with IBR quality class #150 flanges as per ANSI B 16.5+B12:B13	Meter	50.00		
9.00	1" dia X 10 mtrs length Hose suitable for steam wkg pressure 16kg/cm2 Temp 200 degc both end fitted with IBR quality class #150 flanges as per ANSI B 16.5	Meter	50.00		
10.00	Installation of MS Pipe , Fittings and flanges including necessary Nuts, Bolts, Gaskets as per following : 4"/2" NB M.S. B ERW M.S. pipe as per IS:1239 Weld joints will be paid through separate line item	Inch meter	600.00		
11.00	Carrying out of Butt / Socket / Fillet weld joints with face preparation(as required) as per good engineering practice and instruction of Site in Charge for various pipe diameters (upto 4" NB) with supply of all necessary tools, tackles, consumables, power etc. (1 inch-dia = 1" dia x 1 no. joint)	Inch dia	40.00		
12.00	Installation of 4" CS gate valve/Ball valve including necessary Nuts, Bolts, Gaskets as per following : 4"/2" NB M.S. B ERW M.S. pipe as per IS:1239	No	12.00		
13.00	Installation of 2" CS gate valve/Ball valve including necessary Nuts, Bolts, Gaskets as per following : 4"/2" NB M.S. B ERW M.S. pipe as per IS:1239	No	20.00		
14.00	Construction & installation of Earth pit using 2.5M long, 40NB GI perforated pipe, complete with earth treatment and necessary masonry work.	No	2.00		

15.00	Supply, installation & termination of 6 mm thk x 50 mm (W) GI earthing strip	Meter	160.00		
16.00	Supply and installation of 8 SWG GI wire for earthing including provision of socket at both end of each piece	Meter	150.00		
17.00	Laying and termination of 3.5C X 120 sqmm AL cable from IOCL end to BL's main electrical panel. Scope of work includes supply all required consumables for termination.	Meter	100.00		
18.00	Laying and termination of 3C X 16 sqmm AL cable. Scope of work includes supply all required consumables for termination	Meter	20.00		
19.00	Laying and termination of Power cables(Size 3 C X 4 sqmm,cu) from Main electrical panel of BL to various pump's, drives /agitator's drive/shaker' drive Scope of work includes supply all required consumables for termination	No	8.00		
20.00	Laying and termination of 10 sqmm CU cable from BL's main panel to Decanter's Drive. Scope of work includes supply all required consumables for termination.	Meter	40.00		
21.00	Complete Inspection and thoroughly maintenance of hydraulic power pack and shaker unit. Required spares shall be issued by BL.	No	2.00		
Total					
GST @ _____ % (SAC : _____)					

Note: Items mentioned in Price Schedule are estimated and variable. Even some items may not be required. However; quoted rates would be fixed irrespective of such variations. Payment will be made based on actual quantity of work carried out.