

TENDER DOCUMENT
FOR
COMPOSITE CIVIL, MECHANICAL, ELECTRICAL WORK
FOR SETTING UP OF OUR BLABO TANK CLEANING
SYSTEEM NEAR CRUDE TANK NO. 20-D-117
AT
CHENNAI PETROLEUM CORPORATION LTD.,
MANALI REFINERY, CHENNAI
PRICED BID – PART – II

Tender No. : ROFS/2K19/CPCL-117/ENQ/02
Tender Date : 19.11.2019
Due Date & Time : 10.12.2019 Upto 15:00 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.

BALMER LAWRIE & CO. LTD.
REFINERY & OIL FIELD SERVICES
PRICE PART

PART-A

SHIFTING AND PLACEMENT OF PLANT & MACHINERY FROM CRUDE TANK 20D-118 TO 117 WITHIN
CPCL, MANALI REFINERY

| Sl. No. | Description of work | Unit | Quantity | Rate (Rs.) | Amount (Rs.) |
|---------|--|------|----------|------------|--------------|
| 1.0 | Lifting, loading & movement of Plant & Machinery from Crude Tank No. 118 and unloading & placement at adjacent area of Crude Tank No. 117 within CPCL, Manali Refinery as per scope of work of this tender. | | | | |
| (i) | R.O. Tank : 6 Nos. (Approx Size: 20'(L) x 8'(W) x 9'(H)) | LS | 1 Item | | |
| (ii) | Module – I : 1 No. (Size : 20'(L) x 8'(W) x 9.6'(H)) | | | | |
| (iii) | Office-cum-Store Module : 1 No. (Size : 20'(L) x 8'(W) x 8.6'(H)) | | | | |
| (iv) | Loose Materials : 1 Lot (Centrifugal Pump (1No.), Screw Pump(2 Nos.), Air Compressor (1 No.), SNS Tool (5 Nos.), Sea Pipe (1 No.),Header Assembly (3 Nos.),Bracket Assembly (1 No.), 2"dia 6m length pipe (30 Nos.),Filter (1 No), 210 Lit. Hyd. Oil (2 Nos.)and misc. items etc.) | | | | |
| (v) | Vaccum unit (Size : 15'(L) x 8'(W) x 7.3'(H)) | | | | |
| (vi) | Decanter Module (20'L x 8'W x 9.5'H) | | | | |
| | Total basic Value | | | | |
| | Add : GST @ | | | | |
| | Total Amount (In Figures and in Words) | | | | |

BALMER LAWRIE & CO. LTD.
REFINERY & OIL FIELD SERVICES

PRICE PART - PART-B

**MISC. CIVIL JOB FOR PLACEMENT OF MODULE INSIDE OF DYKE AREA OF CRUDE
TANK NO.20D-117 AT CPCL, MANALI REFINERY**

| Sl. No. | Description of work | Unit | Quantity | Rate (Rs.) | Amount (Rs.) |
|---------|---|------|----------|------------|--------------|
| 1.0 | Cutting of RCC Dyke wall (length : 6.0 mtr, width : 0.20 mtr and height : 1.8 mtr) with necessary all labour, tools and tackles complete including cleaning the area of all spoils/soil/debris outside the area or shifting the material inside the premises as per direction of Balmer Lawrie's Site in Charge. | CuM | 2.16 | | |
| 2.0 | Cutting of RCC walkway of length 15m, width 0.20m | LS | 1 | | |
| 3.0 | Providing & Laying in position concrete for RCC work along with steel reinforcement, necessary excavation, PCC, Shuttering and finishing work for Construction of RCC pump base of 1.5m length, 0.7m height, 0.4m inside ground with 1m width | CuM | 1.05 | | |
| 4.0 | Compaction of the area properly with good quality earth (appx. 14.5 M3) & sand bags (appx. 5.0 M3) to take the load of trailers/hydra etc. of apprx. 20 MT weight including labour, material and transport cost. | No. | 2 Items | | |
| 5.0 | Collection of free issued M.S. scrap plates (40 Pcs. of sizes 4.0 x 2.0 Mtr.) from various places of CPCL Refinery premises as it where is basis, transporting and unloading of same near Tank no. T-117. Bidder may please note that issuance of free scrap plates will be taken place in phases from CPCL end. Hydra, truck, tractor, trolley etc. will require to be deployed accordingly. Laying the collected M.S. Plates with the help of necessary tools and tackles, suiting the requirement of movement of loaded truck, trailer, hydra etc. | LS | 1 Item | | |
| 6.0 | Uprooting, cutting and removal of trees (02 Nos) each tree aprx. having periphery of 2.5 feet and height of 15 to 25 feet in pieces/logs of 5 feet each using necessary tools, tackles, manpower, hydra, tractor, trailers etc from each tank. Removal of trunk as per instruction of EIC | LS | 1 Item | | |
| | Total basic Value | | | | |
| | Add : GST @ | | | | |
| | Total Amount (Rupees) | | | | |

BALMER LAWRIE & CO. LTD.
REFINERY & OIL FIELD SERVICES
PRICE PART

PART-C

**MISC. ELECTRICAL WORK FOR INSTALLATION OF MODULE INSIDE OF DYKE AREA OF CRUDE
TANK NO. 20D-117 AT CPCL, MANALI REFINERY**

| Sl. No. | Description of work | Unit | Quantity | Rate (Rs.) | Amount (Rs.) |
|---------|--|------|----------|------------|--------------|
| 1.0 | Removal of existing Power Cables, Instrument Cables, Cable Trays, Support Trays etc. carefully and laying the same underground for safe approach and movement of Hydra, Trailer etc. with necessary tools, tackles, manpower, tractor etc. complete. | LS | 1 Item | | |
| 2.0 | Construction & installation of Earth pit using 2.5M long, 40NB Class B GI perforated pipe, complete with earth treatment and necessary masonry work. Work shall be carried out as per IS 3043: 1986 | No. | 02 | | |
| 3.0 | Supply, installation & termination of Earthing strip using 6 mm x 50 mm GI | RMtr | 120.0 | | |
| 4.0 | 8 SWG GI wire for earthing including provision of socket at both end of each piece | RMtr | 120.0 | | |
| 5.0 | Installation of Local Control Switch including necessary supporting arrangement and supply, installation of GI make Canopy | Nos. | 2.0 | | |
| 7.0 | Supply, installation of Sodium Vapour Lamp (500 W) with enclosure set | Nos. | 2.0 | | |
| | Total basic Value | | | | |
| | Add : GST @ | | | | |
| | Total Amount (Rupees | | | | |

BALMER LAWRIE & CO. LTD.
REFINERY & OIL FIELD SERVICES
PRICE PART

PART-D

MISC. PIPING WORK FOR INSTALLATION OF MODULE INSIDE OF DYKE AREA OF CRUDE TANK
NO. 20D-117 AT CPCL - MANALI REFINERY, CHENNAI

| Sl. No. | Description of work | Unit | Quantity | Rate (Rs.) | Amount (Rs.) |
|---------|---|----------|----------|------------|--------------|
| 1.0 | 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 | 150 | | |
| 2.0 | Installation, placement, levelling, alignment of centrifugal pump set capacity 15 - 20 m ³ /hr | No | 1 | | |
| 3.0 | Installation, placement, levelling, alignment of centrifugal pump set 60-80 m ³ /hr. | No | 1 | | |
| 4.0 | Insulation of steam pipe of 2" diameter with supply of all required materials to ensure proper insulation as directed by EIC | Mtr | 100 | | |
| | Total basic Value | | | | |
| | Add : GST @ | | | | |
| | Total Amount (Rupees | | | | |