



Punjab Alkalies & Chemicals Limited

Regd. Office : S.C.O. 125-127, Sector 17-B, Chandigarh - 160 017 (INDIA)
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CIN : L24119CH1975PLC003607, Website : www.punjabalkalies.com



PACL: PUR: 2018

Dated: 01.08.2018

Sub: Tender enquiry for job works related to dismantling/removal of existing rectifiers and erection/installation of new rectifiers at our works at Naya Nangal.

Dear Sir,

With reference to above subject sealed offers are invited from reputed parties to carry out the above jobs. Other details and terms and conditions are as below:-

1. **SCOPE OF WORK** : Scope of work will be as per annexure-A and B enclosed herewith. Price Bid to be submitted in separate envelop marked as **price bid**
2. **Last date of Submission of offers**:- 10.08.2018
3. **Offer validity**:-Offer should be valid for a period of 90 days.
4. **Earnest money**:-interest parties should deposit EMD of Rs 25000.00 by way of demand draft favouring –PUNJAB ALKLAIES & CHEMICALS LIMITED, payable at Chandigarh in a separate envelop marked EMD.
5. **Security Deposit**:- The successful contractor will have to deposit security of Rs. 50000.00. Security deposit will be released on satisfactory completion of job.
6. **Technical Bid**:- Technical bid should be submitted in a separate envelop and should contain the following documents also in addition to un priced copy of bid:-
 - 1) Party should have Class-A approved license valid in the office of chief electrical inspector Punjab.
 - 2) Documents in support of having minimum 04 year experience for installation of transformer rated 10MVA & above in state/country electricity board or any other large industries.
7. **Others**:-
 - a) Material required if any will be provided by us as free issue.
 - b) Contractor will provide all safety gadgets etc as and wherever required for completion of the job.
 - c) After completion of job contractor will deposit the scrap with stores dep't and clear the site. Scrap deposit slip should be attached with the invoice for clearance.



- d) All tools and tackles, scaffolding material, chain pulley blocks, ropes, Grinders and suitable hydra/crane or any other tools/machinery required for completion of the job will be arranged by the contractor.
- e) Electricity connection and water if required shall be provided by PACL.
- f) Contractor will take proper care while using the material so that there is no wastage of material issued by PACL.
- g) Contractor will insure their workmen with proper insurance policy as per Govt rules and submit a copy of the same with our HR Deptt.
- h) Contractor will have to comply with all statutory obligations as applicable.

8. **PAYMENT TERMS:** - Payment will be released within 30 days of submission of bills after completion of job.

9. **OTHER TERMS & CONDITIONS:**

- a) Taxes: - GST as applicable will be paid extra.
- b) Income tax: - income tax if applicable will be deducted at source.
- c) Completion time: Work to be completed in two phases. One rectifier in ist phase and thereafter second rectifier. For each rectifier completion time will be 10 days from the date of site clearance, 4 days for dismantling etc of old rectifier and 6 days for connections and installation of new rectifier. In case work is not completed in time, penalty @ Rs 25000.00 per day will be levied.
- d) Quantities mentioned in scope of work may vary+-20%. Payment will be made for actual work done as verified by our site in charge.
- e) **Billing:** - Bill to be raised in favour of following address:-

PUNJAB ALKALIES & CHEMICALS LIMITED,

NANGAL UNA ROAD, NAYA NANGAL-(PB) - 140126.

GST NO 03AAACP9915E1ZN

10. **ARBITRATION CLAUSE:**

In all cases of dispute of disagreement between the purchaser and the supplier as to any matter arising out of or relating to this purchase order/work order whether such dispute or disagreement shall arise during the continuance of the work order/purchase order regarding interpretation of this Work Order of any Clause or Clauses thereof or upon or after the termination hereof and provided no understanding between the parties can be reached for the settlement of the difference, shall be referred to the sole arbitrator of the Managing Director of Punjab Alkalies & Chemicals Ltd or any officer appointed by him on his behalf in accordance with Arbitration and Conciliation Act, 1996. or any Statutory modifications or substitute thereof and all the provisions of that Act, so far as are applicable or of any of them for the time being in force shall apply to every reference hereunder.

The award given by such Arbitrator shall be final conclusive and binding upon the parties to this work order. The arbitrator may from time to time, with consent of parties, enlarge the time for making or publishing the award. The arbitration proceedings shall be held at Chandigarh.



Notwithstanding any pending reference to arbitration both parties shall precede with the execution of their commitments under the purchase order/work order until the arbitration award is known, unless the question of such continuance is a subject matter of such proceedings.

11. LAW AND ITS JURISIDITION

The work order shall be governed by the laws of Govt. of India in force from time to time and shall be deemed to have been concluded in the Union Territory of Chandigarh. All suits and proceedings shall be subject to jurisdiction of the courts at Chandigarh only.

We reserve the right to accept/reject any or all offers without assigning any reason thereof.

Thanking you,

Yours faithfully

For Punjab Alkalies & Chemicals Ltd.


K K GOYAL

Deputy Manager (Purchase)

ANNEXURE-A

DISMENTLING OF 12MVA 11KV AC/110V DC,90KA RECTIFIER & TRANSFORMER

S.NO	DESCRIPTION	QTY	UNIT RATE(RS)
01.	Disconnection of 3Cx300 sq.mm 11KV XLPE cable from Transformer terminal box.	09 Nos.	
02.	Disconnection of control cable of		
	a) AC/DC panel Incoming/Outgoing cables of size 3x1.5 sq.mm to 6 x 6 sq.mm approx. length 10 Mtr	90 Nos.	
	b) Rectifier control panel cables of size 3x1.5 sq.mm to 10x 1.5 sq.mm approx. length 10 Mtr	30 Nos.	
	c) Pumps/metering cables 3x4 sq.mm approx. length 10 Mtr	30 Nos.	
03.	Disconnection of Copper Flexible		
	a) Between Transformer & Rectifier	72 Nos.	
	b) Transformer & Aluminium Bus Bar	72 Nos.	
04.	Disconnection / Removal of Oil Coolers, Pipe Fittings, Heat Exchanger	06 Sets	
05.	Draining of Transformer Oil and transfer to Tanker		
06.	Removal/Shifting of all control cables of size 3-10 core 1.5-10 sq.mm to at specific location	1500 Mtr.	
07.	Removal & Shifting of Aluminium bus bar of size 44x 400 mm at specific location	250 Mtr.	
08.	Removal, Shifting & Loading of Rectifier cubicles	06 Nos	
09.	Removal, Shifting & Loading of 12MVA Transformer	03 Nos.	
10.	Removal and Shifting of Rectifier Control Panel from 1 st floor to ground floor	04 Nos.	
11.	Disconnection of polarization Rectifiers	06 Nos.	
12.	Removal, Shifting of polarization Rectifiers	06 Nos	
13.	Disconnection of harmonic filter banks	03 Nos.	
14.	Removal & shifting of Harmonic filter banks	03 Nos.	

ANNEXURE-B

INSTALLATION OF 23MVA 11KV/425V 45KA TRANSFORMER & RECTIFIER

S.NO	DESCRIPTION	QTY	UNITRATE(Rs.)
1.	Unloading of Transformer from Truck/Trolley	02 Nos.	
2.	Shifting of Transformer to its foundation	02 Nos.	
3.	Unloading of Rectifiers Cubical from Truck	04 Nos.	
4.	Shifting of Rectifier Cubical to its location	04 Nos.	
5.	Unloading of Rectifier control panel from vehicle	02 Nos.	
6.	Shifting of Rectifier control panel to control room	02 Nos.	
7.	Unloading of ACDC panel from vehicle	02 Nos.	
8.	Shifting of ACDC panel to its location	02 Nos.	
9.	Unloading of Polarization Rectifier from vehicle	06 Nos.	
10.	Shifting of Polarization Rectifier to its location	06 Nos.	
11.	Unloading of conservator, Oil coolers, Heat exchangers, Pipe fittings & other accessories from vehicle	02 Sets	
12.	Laying of 3CX300 sq.mm cable in trench	400 Mtr.	
13.	End termination 3CX300 sq.mm kit filling	04 Nos.	
14.	Termination of 3CX300 sq.mm XLPE cable	14 Nos.	
15.	Oil cooler/Heat exchanger, Pipe fittings & accessories fixing on Transformer & Rectifier	02 Sets	
16.	Erection & commissioning of 23MVA Transformer & Rectifier including oil cooler, DM Water, Heat exchangers, Oil pumps, DM water pumps, & pipe fittings including flexible connection between Rectifiers & Transformers.	02 Sets	
17.	Erection & commissioning of ACDC panel	02 Nos.	
18.	Erection & commissioning of Rectifier control panel in control room	02 Nos.	
19.	Erection & commissioning of Polarization Rectifier	06 Nos.	
20.	Laying of cables for DM water pumps oil cooler pump & metering approximate size 3CX2.5/06 sq.mm copper cable	500 Mtr	
21.	Laying of cable between control panel & Rectifier of multi core 2.5sq.mm or 4 sq.mm.	1000 Mtr.	

22.	Termination of motors, metering, Rectifier control panel, ACDC Panel, Polarization unit of cable size 3CX1.5 sq.mm – 12CX2.5 sq.mm cable with gland & thimbles	500 Nos.	
23.	Erection & Commissioning of Polarization Rectifier	06 Nos.	
24.	Termination/gland filling of various size cables	50 Nos.	
25.	Submission of inspection & testing report of 02 Nos. 23MVA Rectifier, 06 Nos. Polarization Rectifier & 03 Nos Harmonic filter banks in the office of Chief Electrical Inspector	01 Set	
26.	Dismantling & removal of capacitor bank of rating 4176KVAR, 2916KVAR & 714KVAR	03 Nos.	
27.	Erection & commissioning of new Harmonic filter banks	03 Nos.	
28.	11 KV XLPE cable termination for new Harmonic filter banks	03 Nos.	
29.	MS structure fabrication & installation	04 Ton	