



PUNJAB STATE TRANSMISSION CORPORATION LIMITED
(Regd. Office: PSEB Head Office, The Mall, Patiala)
Office of Chief Engineer /Transmission System,
Shakti Sadan, Patiala.
(Notice Inviting Tender)

| | | |
|---|---|--|
| 1 | Type of tender | Open Tender |
| 2 | Name & complete address of office giving tender | The Chief Engineer/TS, 3rd Floor, Shakti Sadan, PSTCL, Patiala |
| 3 | Tender Enquiry No. | STQ – 3030 |
| 4 | Scope of work | <p>Turnkey Package for construction of 2 No. 220KV extension bays at 400KV Substation Nakodar.</p> <p>The scope of work to be executed as under:-</p> <ul style="list-style-type: none">(i) Design, engineering, manufacture, testing, supply on FOR destination site basis including transportation & insurance, storage, erection, testing and commissioning of the following equipments/items, complete in all respects.<ul style="list-style-type: none">(a) 220kV circuit breakers, isolators with / without earth switches, current transformers, capacitor voltage transformers and surge arresters.(b) Complete Relay & Protection System as per requirement of the Technical Specifications.(c) Augmentation of existing Substation automation including hardware and software alongwith associated equipments for its integration with proposed bays.(d) PLCC for 2 no 220 KV bays at 400 KV Substation Nakodar(e) Air Conditioning System of Switchyard Panel Room(f) LT switchgear (AC/DC Distribution boards).(g) 1.1 kV grade Power & Control cables along with complete accessories.(h) Lattice and pipe structures (galvanized): Towers, Beams and equipment support structure shall be provided as per drawings enclosed except for Circuit Breaker support structure which will be as per manufacturer's design.(i) Bus Post Insulators (including requirement for wave traps), insulator strings and hardware, clamps & connectors, Equipment terminal connectors, Conductors, Aluminum tubes, Bus bar and earthing |

materials, Bay marshalling box, spacers, cable supporting angles/channels, Cable trays & covers, Junction box, buried cable trenches.

- (j) Complete lighting and illumination for the switchyard and Switchyard Panel Room.
 - (k) Extension of main earthmat including all associated works.
 - (l) Any other equipment/material required to complete the specified scope of erection of 2 Nos. 220 KV bays and allied works for the same.
- (ii) **Civil Works** - The scope of work shall include but shall not be limited to the following :
- a) Foundation for towers, equipments support structures.
 - b) Cable trenches along with covers, road/rail crossings, sump pits etc.
 - c) Antiweed treatment, PCC and Stone spreading in switchyard area. ...
 - d) Construction of switchyard panel room.
- (iii) **Foundation** for lighting poles, Bay marshalling box and control cubicles of equipments wherever required as per site conditions.

The bidders are advised to visit the substation sites and acquaint themselves with the topography, infrastructure and also the design philosophy. Before proceeding with the construction work of the new Sub-stations and existing substations, the Contractor shall fully familiarize himself with the site conditions and General arrangements & scheme etc. Though the Owner shall endeavor to provide the information, it shall not be binding for the Owner to provide the same. The bidder shall be fully responsible for providing all equipment, materials, system and services specified or otherwise which are required to complete the construction and successful commissioning, operation & maintenance of the substation in all respects. All materials required for the Civil and construction/installation work shall be supplied by the Contractor. The cement and steel shall also be supplied by the Contractor.

| | | |
|----|--|--|
| | | The complete design (unless specified otherwise in specification elsewhere) and detailed engineering shall be done by the Contractor based on conceptual tender drawings. |
| 5 | Starting date of sale of Tender Documents | Date of Publication |
| 6 | Last date of sale of Tender Documents | 09.03.2015 upto 3:00 PM |
| 7 | Last date/time for bid submission | 12.03.2015 upto 11:00 AM |
| 8 | Date /time for opening of bids | 12.03.2015 at 11:30 PM |
| 9 | Cost of specification | Rs. 25,000/- |
| 10 | Mode of payment | As per specification |
| 11 | "Details regarding Tendering are available on website www.pstcl.org " | |

Sd/-
Dy. CE/TS (D),
PSTCL, Patiala

Save Electricity Save Money