

**PURCHASE ORDER**

M/s SHYAM INDUS POWER SOLUTIONS P.LTD. GSTN No.: 07AAICS3625E1ZH TRANSPORT CENTRE Vendor Code : 4400297 BA Contact Person : BA Contact No. :	PO No. : 3200137672 Release Date : 13.03.2024 Contact Person : Manas Joshi Contact No. :
Consignee Address Tata Power Delhi Distribution Limited TPDDL CEN-Store, Opp. C-2 Block, Keshavpuram Delhi 110035 GSTN No. : 07AABCN6808R1ZV	References : Delivery location at Rampura Rd. circuit

Subject : RO for Isolator Swapping works at Rampura Road circuit against scheme no-PR/E0000/00260.

Dear Sir,

This has reference to the above mentioned correspondence on the subject. We are pleased to place an order with you as under.

- (i) Schedule of items / quantities/ Rates : Annexure I Attached []
(ii) Special Conditions of the Contract : Annexure II Attached []

Total PO Value : 561127.97 INR (FIVE LAKH SIXTY ONE THOUSAND ONE HUNDRED TWENTY SEVEN RUPEES NINETY SEVEN PAISE)

Completion By :

Order Acceptance:

Kindly acknowledge receipt and acceptance of this Purchase order by signing, stamping and returning one copy to us within next five working days. Simultaneously please arrange submitting required documents/drawings, if any, as well as Security Deposit as stipulated vide above referred contract enclosures.

For Tata Power Delhi Distribution Limited

AUTHORIZED SIGNATORY

Name :
Designation :
Contact No. :
E-mail id :

Important Note:- 1. In case of any discrepancies between the stipulation in General Conditions of the Contract (GCC), given by the original order and Special Conditions of Contract (SCC), the GCC shall stand superseded by the SCC to the extent stipulated herein above while balance portion of respective clauses of GCC shall continue to be applicable.

Encl: as above

2. This document does not assure or warrant as regards the measurement of performance, non-performance or short performance by the party named as contracting party herein other than TPDDL in relation to the supplies/services or works involved and the same may not be read in support of any contended right or assertion made by such party in relation thereof unless supported with relevant performance certificate issued by TPDDL.

Tata Power Delhi Distribution Limited
(A Tata Power and Delhi Government Joint Venture)
NDPL House, Hudson Lines, Kingsway Camp, Delhi-110009
Tel 91-11-66112222-31 Fax 91-11-27468042
CIN No.: U40109DL2001PLC111526
Email: TPDDL@tatapower-ddl.com, Website: www.tatapower-ddl.com

Status of bills submitted by Business Associates at BIRD counter against our Purchase Orders/ Contracts can now be viewed at our website www.tatapower-ddl.com

Annexure I

Schedule of Item/ Quantities/ Rate

Sr No	Material Code Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Other Charges	Amount INR
1.000	Electrical works 1 Year							
1.001	ITC-33kV ISOLATOR-W/O Earth SWITCH	998736	1	EA	15,252.14	18		15,252.14
	Installation ,testing & commissioning of 36KV , 3 Ph gang operated , Manual Operated, Disconnecter (Isolator) with solid core post insulator.-Without earth switch with gear box arrangement and otheraccessories including jumpering/connections this item also includes ITC of castle key & interlocking arrangement for breakers & isolators supplied with the equipment.							
1.002	ITC-33kV ISOLATOR-WITH Earth SWITCH	998736	1	EA	15,252.14	18		15,252.14
	Installation ,testing & commissioning of 36KV , 3 Ph gang operated , Manual Operated, Disconnecter (Isolator) with solid core post insulator.-With earth switch with gear box arrangement and otheraccessories including jumpering/connections this item also includes ITC of castle key & interlocking arrangement for breakers & isolators supplied with the equipment.							
1.003	Stringing of ACSR conductor and its conn	998736	50	M	90.00	18		4,500.00
	Stringing of ACSR conductor and its connection with bus ACSR conductor and those equipment which are not covered under other line items of tender BoM.							
1.004	LTC-4Cx2.5sqmm Cu 1100 V grade Cable	998736	20	M	62.51	18		1,250.20
	Installation, Testing & Commissioning of Control Cable of 4Cx2.5sqmm Cu 1100 V grade, PVC insulated, PVC sheathed, GI round wire armoured.							

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate INR	GST %	Other Charges	Amount INR
	stranded control cables of 4 core 2.5 sqmm							
1.005	LTC-12Cx2.5 sqmm Cu 1100 V grade cable	998736	30	M	62.51	18		1,875.30
	Installation, Testing & Commissioning of Control Cable-12Cx2.5 sqmm Cu 1100 V grade, PVC insulated, PVC sheathed, GI round wire armoured, stranded control cables of 12 core 2.5 sqmm							
1.006	LTC-19Cx2.5 sqmm Cu 1100 V grade cable	998736	30	M	79.18	18		2,375.40
	Installation, Testing & Commissioning of Control Cable-19Cx2.5 sqmm Cu 1100 V grade, PVC insulated, PVC sheathed, GI round wire armoured, stranded control cables of 19 Core 2.5 sqmm							
1.007	Dismantling of GI/MS structure as per TA	998736	0.100	TON	10,418.13	18		1,041.81
	Dismantling of GI/MS structure as per TATA Power-DDL project in-charge.							
1.008	Dismantling of Equipment like CT, PT, LA	998736	2	LOT	89,179.15	18		178,358.30
	Dismantling of Equipment like CT, PT, LA & Isolator as per TATA Power-DDL Project in-charge instructions.							
1.009	SITC of D/C glands and terminations (di	998736	3	EA	1,583.56	18		4,750.68
	SITC of Double compression glands and terminations (including ferruling, suitable Cu Lugs to meet the system requirements) for 1100V grade PVC insulated multicore Copper stranded conductor control cables of the sizes (diameter between 12mm to 18mm). EA means for each cable both ends							
1.010	SITC of D/C glands and terminations (di	998736	5	EA	3,109.00	18		15,545.00
	SITC of Double compression glands and terminations (including ferruling, suitable Cu Lugs to meet the system requirements) for 1100V grade PVC insulated multicore Copper stranded conductor control cables of the sizes (diameter between 18mm to 24mm) EA means for each cable both ends							



Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate INR	GST %	Other Charges	Amount INR
1.011	SITC of D/C glands and terminations (di	998736	5	EA	3,459.00	18		17,295.00
	SITC of Double compression glands and terminations (including ferruling, suitable Cu Lugs to meet the system requirements) for 1100V grade PVC insulated multicore Copper stranded conductor control cables of the sizes (diameter more than 24mm) EA means for each cable both ends							
1.012	SITC of GI Structural Steel (Gantry Towe	998736	0.300	TON	132,935.28	18		39,880.58
	Supply, Installation/erecting ,testing & commissioning of GI structural steel material(for all gantry tower, beam and equipments) Supply, Fabrication and installation of galvanized steel required forcable mounting structure, tower mounting structure, LA installation, drain crossing structure etc, where ever required as per approved drawing including nuts, bolts, washer & clamps.							
1.013	SITC of (75 x 12 mm GI flat)	998736	140	KG	145.85	18		20,419.00
	Supply, Installation ,testing & commissioning of (75 x 12 mm G I flat) Main Earth mat, Aux Earth mat & Earthing Risers for Main Equipments & structures etc (75 x 12 mm G I flat). This item includes required earth excavation for laying earth flat including weilding etc.if required.							
1.014	SITC of (50 x 6 mm GI flat)	998736	200	KG	140.02	18		28,004.00
	Supply, Installation ,testing & commissioning of (50x6 GI flat) Aux earth material Earthing conductor for connection of , L.T panel, Junction box, & building Lightning risers & peak Connection etc. This item includes required earth excavation for laying earth flat. including weilding etc.if required.							
1.015	SITC-HDPE Pipe Size 100 mm dia PN-4 PE80	998736	12	M	930.00	18		11,160.00
	Supply, Installation ,testing & commissioning of HDPE Pipe Size 100 mm dia (PN-4 PE80) as per TATA Power-DDL specifications.							

**TATA POWER-DDL**

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate INR	GST %	Other Charges	Amount INR
1.016	SITC-HDPE Pipe Size 200 mm dia PN-4 PE80	998736	12	M	1,566.00	18		18,792.00
	Supply, Installation ,testing & commissioning of HDPE Pipe Size 200 mm dia (PN-4 PE80) as per TATA Power-DDL specifications							
1.017	SITC of asset numbering-per PTR Bay	998736	1	LOT	31,254.38	18		31,254.38
	SITC of asset numbering Drawing approval to be taken as per rules before erecting activity. Danger board are to be provided on fencing near the entry gates & at adistance of every 5 meters and turns on a height of 2.6 meters. Complete identification of all the assets/equipment#, RCC cable trench cover there marking in the approve color and numbering to be done withdetailed description of the asset as per the requirement of project in-charge. This includes Supply of paints and other required material to complete the activity. (This item shall be paid per PTR Bay/ Line Bay,)							
1.018	SITC- Structural steel work welded	998736	0.500	TON	110,000.00	18		55,000.00
	SITC of all the items required for successful Errection,testing and commissioning of Structural steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in positionand Structure shall be painted with one coat of red oxide and two coat of Al paint as required. As per standard.							
1.019	SITC of D/C Glands and terminations	998736	2	EA	875.12	18		1,750.24
	Supply & Installation ,testing & commissioning of Double compression glands and terminations (including ferruling, suitable Cu Lugs to meet the system requirements) for 1100V grade PVC insulated multicore Copperstranded conductor control cables of the various sizes less then 12 mm							
1.020	SITC of flexible steel pipe	998736	30	M	208.36	18		6,250.80
	SITC of flexible steel pipe for providing extra safety to control cable sizes upto 30 mm diameter.							



Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate INR	GST %	Other Charges	Amount INR
1.021	ITC-Control Cable of 6Cx2.5sqmm Cu 1100	998736	20	M	62.51	18		1,250.20
	Installation ,testing & commissioning of Control Cable of 6Cx2.5sqmm Cu 1100 V grade, PVC insulated, PVC sheathed, steel round wire armored, stranded control cables of 6 core 2.5 sqmm							
1.022	ITC of wedge connectors	998736	9	EA	475.00	18		4,275.00
	ITC of wedge connectors Installation, Testing & Commissioning of wedge connectors of any type through authorized & certified person.							
	Service Subtotal							475,532.17
	Services Total			INR		18.000		
	Item Total			INR				561,127.96
Total PO Value (INR)								561,127.97

Annexure II

Special Conditions Of Contract

1. The EIC shall be HoG EHV(Projects)
2. Completion period shall be 14 days from the date of issuance of PO subject to site clearance.

Amendment 2:

1. RC 2nd Year Value of Rs 1,86,71,709/- topped up with total RC value for Rs - 3,73,43,419/-.
2. All other terms and conditions shall remain the same as earlier.

Original SCC

Amendment 1:

1. Time Extension is approved upto 05-05-2024.
2. All other terms and conditions shall remain the same as earlier.

Original SCC

1) Completion Period:-

Completion Schedule for the electrical and civil & structural works including final commissioning shall be as per below from the date of issue of LOI/RO whichever is earlier as under. The completion period is in calendar months from the date of start. The start date shall be reckoned from the date of issue of LOI /RO whichever is earlier.

- a. PTR additional bay 33 & 66 KV Outdoor Grid- 7 Month from date of issue of LOI/RO.
- b. PTR Augmentation work at 33 kV or 66 kV Grid- 7 Month from date of issue of LOI/RO
- c. 66 or 33 kV Line Bay- 7 Month from date of issue of LOI/PO
- d. For other services like Dismantling, Loading, Unloading, Transportation, dragging of PTR and Erection of PTR related services for various site for TPDDL.- The completion period shall be decided at the time of ordering after discussion with user group.

Note: Above completion period shall be subject to site clearance, availability of outages, availability of free issue material and other commissioning activity linked with this job and executed by other associates (ie. Cap Bank, 66 kV C(>&<)>R Panel, 11 kV Panel etc.)

Special Conditions Of Contract

2) Payment Terms & Conditions:

A. 80% of the RO price on Account Basis shall be paid against mechanical completion of supply & erection on prorata basis against monthly bills.

B. 20% payment of the RO price shall be paid after completion of acceptance test and Taking Over of the complete systems specified in the enquiry and after reconciliation & adjustment of payments, if any, towards Quantities of materials issued from purchaser's stock and consumed by the contractor for expeditious completion of the job. The Contractor shall submit all Operation & Maintenance manuals and #As Built Drawings# etc and shall also submit Equipment Warranty Bank Guarantee (EWBG) as per GCC. The validity of EWBG shall be for a period of 18 months from the date of taking over of the works. The associate shall also submit No Demand Certificate at the time of receipt of full and final payment.

3) PBG:

BA shall initially submit a PBG for 5% of RC value valid till RC validity period plus one month.

After the expiry of RC validity, BA shall have to submit SPBG. However, the BA has the option to re-submit the SPBG as per actual RO (Release Order) value issued against the RC, valid for Guarantee Period plus one month.

The Guarantee Period shall be considered as per the last RO issued against the said RC. The original SPBG as submitted against the RC shall be released on submission of the new SPBG to Tata Power DDL.

Alternatively, BA may extend the validity of original SPBG only till the requisite period, i.e. Guarantee Period plus one month.

- The validity of this rate contract shall be 2 years from date of issuance. Initially, the proposed rates shall be valid for first year. However for second year, there will be an increment of 5% on first year item rates.

-The scope of supply items- includes design, Engineering, Manufacturing; testing, loading, unloading, transportation to site storage, preservation, insurance, along with supply of all accessories, tools, spares, O(>&<)M catalogs for successful ITC is in the scope of Bidder.

-Extra item shall be informed to TATA Power-DDL engineering team timely (before execution), else same may not be considered.

-Primarily layout of the job allotted shall be submitted by the bidder to TPDDL for approval. After approval of the same all the system

Special Conditions Of Contract

engineering shall be done by TPDDL except the equipment drawings engineering which is in bidder scope. No extra cost shall be paid for this by TPDDL. Time lines for primarily layout is 14 days from the date of order. TATA Power-DDL will take upto 7 days to revert on the submitted drawing and 4 days for subsequent submissions.

-Real time video surveillance for monitoring the site and enhancing the safety during execution is must for each order (Line and PTR bay only). In failure of the same, 95000 INR shall be deducted from the PO/RO as penalty.

-Site work barricading (as per TATA Power-DDL safety practices) to be provided.

-As-built drawings (hard+soft+Auto CAD) to be submitted by bidders after the completion of the works. No extra cost for the same to be paid by TATA Power-DDL. In failure of the same, necessary action shall be taken by TATA Power-DDL.

Guarantee period shall be 6 months from the date of HOTO.

GCC Composite will be applicable as per Tender-
TPDDL/ENGG/ENQ/200001348/21-22.

All SCC, SLA and Scope of work as per Tender-
TPDDL/ENGG/ENQ/200001348/21-22 shall be applicable and is annexed with this RC.

All other terms and conditions of this contract shall remain same as mentioned in tender no- TPDDL/ENGG/ENQ/200001348/21-22/ pre-bid queries/ corrigendum/ acceptable deviation if any.