



Ref: TPCODL/P&S/ 100000073/2021-22 /Corrigendum/001

Dated: 7th August 2021

Sub: Corrigendum-1 to Open tender number TPCODL/P&S/ 100000073/2021-22 for Rate Contract for Supply and Installation of FRP Fencing

With reference to above the bidder are intimated to note the following intimations:

- I. TPCODL is sharing replies to Pre-Bid queries raised by all the bidders seeking clarification before the deadline date as mentioned in Event Calendar of Tender Document No. TPCODL/P&S/100000073/2021-22 of the Tender. The replies to Pre-bid queries is attached as Annexure-I to this Corrigendum**
- II. Bidder are requested to quote their price offers as per attached revised schedule of item (Annexure-II) of this Corrigendum instead of the Price schedule (Annexure-1) of above Tender**
- III. Bidders are requested to refer addition / modifications to Tender specification & Drawings attached to this Corrigendum as Annexure-III**

Note:

- I. Bidder need to upload original signed Price bid along with copy of Price bid in Excel file in SAP Ariba**
- II. All other terms and conditions of the above tender will remain same**

**By Order
Chief-Procurement & Store, TPCODL**



ANNEXURE – I – Replies to Pre-Bid Queries

Sr. No.	Detailed Reference to Tender Document.	Description as per Bid Document	Remarks - Query / Clarification	TPCODL RESPONSE
1	Tender document-BOQ (SI No-3)	Requirement of additional items	Soil Excavation for additional Toe wall not available in BOQ of tender	It has already been considered in line items-3 of the Tender BoQ
2	Tender document-BOQ	Required Additional items	PCC 1:2:4 is not available in BOQ of tender but required as per site condition during execution of work	It has already been considered in line items-2 of the Tender BoQ. PCC 1:2:4 work will be done as per drawing.
3	Tender document-BOQ	Required Additional items	Soil Filling/ Sand Filling is not available in BOQ of tender but required as per site condition during execution of work	It has already been considered in line items-2 of the Tender BoQ
4	Tender document-BOQ	Required Additional items	Plastering of additional toe wall not available in the tender specification	It has already been considered in line items-3 of the Tender BoQ
5	Tender document-BOQ	Required Additional items	Painting of Toe wall and additional toe wall not available in the tender specification	Not in Scope of this Tender

Sr. No.	Detailed Reference to Tender Document.	Description as per Bid Document	Remarks - Query / Clarification	TPCODL RESPONSE
6	Tender document-BOQ	Required Additional items	Stainless steel Lock is not available in the tender specification	Not in Scope of this Tender
7	Tender document-BOQ	Modification in Line Item -5 of BoQ- Demolishing / Dismantling of existing barbed wire or flexible wire rope along with R.C.C. post in existing fencing including making rolls and stacking in Divisional / Sectional store or as per instruction of TPCODL Engineer-In-Charge.	Kindly specify the distance km	Noted. Transportation of item under this line item will be executed through Line item-8 Refer Revised BoQ attached as Annexure II
8	Tender document-BOQ	Modification in Line Item -5 of BoQ- Transportation of various items like dismantled barbed wire, RCC post, stone, bricks, etc. from execution site to other location as per approval from Engineer-In charge of TPCODL using Three wheeler /Vikram with labours as required (price per trip)	Kindly specify the distance km	The distance shall be upto 25 km per trip. Refer Revised BoQ attached as Annexure II.
9	Clause 1.7.3 (Page 7 of Tender Document)	In case the bidder is not a manufacturer of FRP panel, the bidder needs to submit authorization letter from concerned reputed FRP panel Manufacturer / Authorized Dealer of such Manufacturer along with the Technical Bid. The letter shall have undertaking from Manufacturer / Authorized Dealer to ensure the GTP as per Tender specification	Suppliers participating in the Tender can share authorization letter to other participating EPC contractor	Yes
10	General		Kindly share some few more snapshot of FRP frame footing and Toe wall	Refer Annexure-III of this Corrigendum



ANNEXURE – II – Revised Schedule of Items

S. No.	Item Description	Unit	Quantity (A)	HSN /SAC Code	Unit Ex-Work Price (Rs./ Unit)	Unit Erection Price (Rs./Unit)	GST (Rs.)	All Inclusive Unit Rate (Rs.) (B)	Total All Inclusive Value (Rs.) (A*B)
1	Supply and Fabrication of FRP Fencing as per TPCODL Specification & Drawing (each location shall be Provided with Two Doors, Latch Lock & Hinges, Danger board, Name plate as per Sample FRP drawing attached in tender documents). Scope of work also includes Site Survey, Preparation of Drawing for each site and taking approval from competent authority of TPCODL.	Sqm	24600						
2	Construction of Toe Wall - Fixing of FRP Panel in the Concrete foundation with Brick Toe wall including associated work (surface dressing of the DSS area & cleaning works, disposal of malba generated during this activities etc.) as per the attached drawing where Civil Part of Toe Wall and Foundation shall be considered. Rate shall be quoted in Running Meter for this works with supply of all materials except the materials given in Item-1 i.e. Supply & Fabrication of FRP Panel (there should not be any gap between Fencing and toewall, Scope of work also includes Earth work in Excavation, PCC, Brick work, Centering & Shuttering, 12mm thick Cement Plaster with cement mortar of mix (1:6), 50 mm good quality river sand filling, Removing of vegetation. Curing for 5 days.	Runni ng Meter	12300						



S. No.	Item Description	Unit	Quantity (A)	HSN /SAC Code	Unit Ex-Work Price (Rs./ Unit)	Unit Erection Price (Rs./Unit)	GST (Rs.)	All Inclusive Unit Rate (Rs.) (B)	Total All Inclusive Value (Rs.) (A*B)
	<p>Note: - Any extra work volume other than drawing volume, will be paid as per below line items No-3 rate per cubic meter</p> <p>Note: - Unit of this line items is Running Meter</p>								
3	<p>Line item for extra Construction of Toe Wall other than existing drawing - Construction of Brick Toe wall (All work will be done like items no-2 except fixing of FRP Panel) Scope of work includes earth work in excavation, Brick work & 12 mm thick Cement Plaster with cement mortar of mix (1:6) with approved quality of cement associated cleaning works, removal of malba generated during this activities etc. Note- This line item is applicable only for extra work done in Line items No-2 other than drawing, will be paid as per this line items.</p>	Cum	184.5						
4	<p>Demolishing brick work or stone rubble masonry - Demolishing brick work or stone rubble masonry manually / by mechanical means including stacking of serviceable material within 50 metres lead as per direction of Engineer-in-charge and disposal of unserviceable material</p>	Cum	184.5						
5	<p>Demolishing / Dismantling of existing barbed wire or flexible wire rope along with R.C.C. post in existing fencing including making rolls and stacking within 50 metres or as per instruction of</p>	Runni ng Meter	3690						



S. No.	Item Description	Unit	Quantity (A)	HSN /SAC Code	Unit Ex-Work Price (Rs./ Unit)	Unit Erection Price (Rs./Unit)	GST (Rs,)	All Inclusive Unit Rate (Rs.) (B)	Total All Inclusive Value (Rs.) (A*B)
	TPCODL Engineer-In-Charge. Note- Unit of this line items is Running Meter								
6	Florescent Sticker - Supply and installation of Florescent Sticker	Mtr.	24600						
7	HDPE Pipe - Supply & laying of HDPE Pipe Outer Dia 160 mm ,Pressure Class PN-4 ,Grade PE-80	Mtr.	553.5						
8	Transportation of various items like dismantled barbed wire, RCC post, stone, bricks, etc. from execution site to other location / divisional store as per approval from Engineer-In-charge of TPCODL upto 25 km using Three wheeler / Vikram with labours as required (price per trip). Note- Scope of work also include loading and unloading of all the materials (Price per Truck / tempo)	EA	100						
ALL INCLUSIVE VALUE (IN Rs.)									

SIGNATURE AND STAMP OF BIDDER

Note:

- i. The bidders are advised to quote prices strictly in the above format.
- ii. The bidder must fill each and every column of the format attached. **Mentioning “extra/inclusive” in any of the column may lead**



for rejection of the price bid


- iii. No cutting/ overwriting in the prices is permissible
- iv. The quantities as mentioned above are for evaluation purpose only. Actual quantities may vary as per the requirement during the contract period.
- v. The unit price to be indicated in col. No. 6 should be exclusive of taxes & duties which are to be indicated in separate columns meant for the purpose
- vi. The bids will be evaluated commercially on over-all BOQ basis (all-inclusive lowest cost) for the complete tender as calculated in Schedule of Items.
- vii. The prices shall be FOR ALL TPCODL Locations

ANNEXURE - III - Addition / Modifications to Tender specification & Drawings

Snapshots (FRP Frame Footing and Toe wall)






<p align="center">TP Central Odisha Distribution Limited</p>	 TP CENTRAL ODISHA DISTRIBUTION LIMITED	<p align="center">Specification for Retro-reflective tape/Sticker with UV protected features</p>
<p align="center">ENG-SPEC-1</p>		<p align="center">Date of Issue: 07/08/2021</p>

Technical Specification
For
Retro-reflective tape/Sticker for Distribution Substation Fencing

TP Central Odisha Distribution Limited.
Project Engineering Group
9th Floor, IDCO Tower
Janpath, Bhubaneswar- 751022

Rev No.	Description	Prepared By & Date	Checked By & Date	Approved for Issue By & Date
R0	Specification for Retro-reflective tape/Sticker with UV protected features	Gagan Bihari Pradhan	Basant Taria	Biman Kumar Ghosh
		07/08/2021	07/08/2021	07/08/2021

<p align="center">TP Central Odisha Distribution Limited</p>	 TP CODL TP CENTRAL ODISHA DISTRIBUTION LIMITED	<p align="center">Specification for Retro-reflective tape/Sticker with UV protected features</p>
<p align="center">ENG-SPEC-1</p>		<p align="center">Date of Issue: 07/08/2021</p>

Technical Specifications of Retro-reflective tape/Sticker with UV protected features

Scope: -

This specification covers the technical requirements for packing, and supply of Retro-reflective tape/Sticker with UV protected features (0.3mm thickness, width of 40mm), one side reflective with inbuilt diamond shape and UV protected features for distribution substation fencing as per TPCODL specification. The specific requirements are covered in the enclosed standard technical requirement.

1. Applicable Standard: -

The Tape/sticker covered by the specification shall unless otherwise stated. Be designed, manufactured and tested in accordance with the latest editions of the following and shall conform to the regulations of the local authorities:

2. Climatic condition: -


- Max Ambient Temperature : 50 Deg.C
- Max Daily average Temperature : 40 Deg.C
- Min Ambient Temperature : 0 Deg.C
- Maximum Humidity : 95%
- Minimum Humidity : 10%
- Average Annual Rainfall : 1400mm
- Average no. of rainy days per annum : 60
- Rainy Months : July to October
- Wind Pressure : 126 Kg/ Sqm upto an elevation of 10Mtrs.

The atmosphere is generally laden with mild acid and dust suspended during dry months and subjected to fog in cold months. The design of the equipment and accessories shall be owing to direct exposure to outdoor environment.

3. Application Area: -

- For Distribution substation fencing for better visibility of existing of substation to avoid the accident in TPCODL area.

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4. Standard Technical Particulars Retro-reflective tape/sticker: -

Sr. No.	Description	Requirement
1.	Material	High intensity prismatic retro reflecting sheet of type iv, which reflect light directly back toward its source.
2.	Size of Tape/Sticker	0.3 mm thickness, 40mm Width.
3.	Shape of Material	Rectangular for ease of sticking
3.	Base Colour	Deep Yellow (reflective)
5.	Reflective Tape	Retro Reflective tape/Sticker ,Diamond

The Retro-reflective tape/sticker should have following features:

- a) Base Reflective Colour shall be yellow (reflective).
- b) Shape - Rectangular for ease of sticking.
- c) Owing to direct exposure to outdoor environment.
- d) It should be Outstanding weathering performance with minimal fading over time.
- e) It should be durability performance of screen process inks.

Note: The above mentioned technical details and features are only indicative parameters and final approval will be given only after evaluating the samples submitted by vendors at the time of tender.

Some image of Retro-reflective tape/Sticker with UV protected features

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