

Regd. Post Ack.Due:



**TRANSMISSION CORPORATION OF TELANGANA LIMITED**

Website: tstransco.in. CIN No. U40102TG20148SGC094248

From  
The Chief Engineer/P&MM,  
Room No.207, B-Block,  
TSTRansco, Vidyut Soudha,  
Khairathabad,  
Hyderabad – 82.

To  
M/s. ABB Power Products and Systems India Ltd.,  
(Now Hitachi Energy India Limited)  
Plot No.4A, 5&6, II Phase,  
Peenya Industrial Area,  
Bangalore – 560058.

**SAP.PO.No. 4500003090/703 - PMM/2022/CE/P&MM/SE/P&MM/ DE-31/  
F-TSPMM31-29/2020(RTUs Repeat order)/D.No. 300, dt. 31.03.2022.**

**Sirs,**

**Sub:-** TSTRANSCO - P&MM – Telecom - Tender Specn.No.TSPMM31-29/2020 – Supply, Erection, Commissioning, Adaptation and Integration of **9 Nos. REMOTE TERMINAL UNITS** along with interface cabinet, relays, transducers, switches etc., - Repeat Purchase Order - Issued - Reg.

- Ref:-**
- 1) Tender Specification No. TSPMM31-29/2020.
  - 2) Your offer on e-platform against Specification No. TSPMM31-29/2020
  - 3) SAP.PO.No. 4500003009/558-PMM/2021/CE/P&MM/SE/P&MM/ DE-31/  
F-TSPMM31-29/2020(RTUs)/D.No.454,dt. 15.03.2022.
  - 4) Your letter Ref. No. HEIL/TST/132kVRGT//03 dt. 12.03.2022.
  - 5) Your letter Ref. No. HEIL/TST/132kVRGT//04 dt. 24.03.2022.
  - 6) Lr.No. CE/P&MM/SE/P&MM/DE-31/F.PO.No.4500003009/558(9 RTUs)/  
D.No.62/21, dt. 15.07.2021.
  - 7) Lr.No. CE/P&MM/SE/P&MM/DE-31/F.PO.No.4500003009/558(9 RTUs)/  
D.No.116/21, dt. 18.09.2021.

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I, acting for and on behalf of and by the order and direction of TRANSMISSION CORPORATION OF TELANGANA LTD., (herein after called the “TSTRANSCO” or “the purchaser”) place the repeat Purchase Order for Supply, Erection, Commissioning, Adaptation and Integration of **9 Nos. REMOTE TERMINAL UNITS** along with interface cabinet, relays, transducers, switches etc., at a total cost of **Rs. 1,07,50,635.00** (Rupees One Crore Seven Lakhs Fifty Thousand Six Hundred and Thirty five only) as indicated below and the details are in Annexure-1(Schedule of prices) and Annexure- 2 (Configuration for 9 Nos. RTUs).

**1) SCOPE OF CONTRACT:-**

This contract relates to Supply, Erection, Commissioning, Adaptation and Integration of **9 Nos. REMOTE TERMINAL UNITS** along with interface cabinet, relays, transducers, switches etc., as detailed under clause (2) below and covers design, manufacture, testing before dispatch and delivery F.O.R. destination and Erection & Commissioning, Adaptation and Integration at site.

- 2) **SCHEDULE OF MATERIALS AND PRICES:** Supply, Erection, Commissioning, Adaptation and Integration of **9 Nos. REMOTE TERMINAL UNITS** along with interface cabinet, relays, transducers, switches etc., (inclusive of Freight, Insurance, Packing & Forwarding and GST) detailed in annexure-1:

<b>Sl. No.</b>	<b>Description</b>	<b>Total Amount (in Rs.)</b>
1	Supply, Erection, Commissioning, Adaptation and Integration of <b>9 Nos. REMOTE TERMINAL UNITS</b> along with interface cabinet, relays, transducers, switches etc., (Details are in Annexure-1)	<b>1,07,50,634.64</b>
	<b>Total value:</b>	<b>1,07,50,634.64</b>
	<b>Or Say:</b>	<b>1,07,50,635.00</b>
(Rupees One Crore Seven Lakhs Fifty Thousand Six Hundred and Thirty five only )		

- 2.1) The Prices accepted above are FIRM during the process of the contract and until the warranty period is completed.
- 2.2) The prices accepted above are inclusive of Freight, Insurance, Packing & Forwarding and GST.
- 2.3) The above prices are inclusive of unloading charges at destination stores.
- 2.4) M/s. ABB Power Products and Systems India Ltd is responsible for all the Taxes applicable on this contract.
- 2.5) Income Tax, other taxes if any, will only be towards the supplier's account and would be recovered from the supplier bills for arranging payment as directed by the concerned department.
- 2.6) **TAX COLLECTION AT SOURCE:** TCS @ 0.1% on sale amount is applicable, if company's aggregate sales consideration during the relevant financial year exceeds rupees Fifty Lakhs and total sales, gross receipts or total turnover including GST if any exceeds Rupees Ten Crores in the financial year immediately preceding the financial year of subject sales. The Payment of TCS shall be subjected to furnishing of necessary documents by the seller, which are to be verified by DDOs while processing the bills.
- 3) **DELIVERY:** The Supplies shall be completed within 3 months from the date of drawing approval. Erection & commissioning of the equipment shall be completed within 1 month from the date of supply/readiness of sites as intimated by concerned officer of TSTransco.

4) **PERFORMANCE SECURITY:**

4.1 The supplier shall furnish to the purchaser the performance security in the name of **The Chief Engineer/P&MM, TSTransco, Vidyut Soudha, Hyderabad-82**, for an amount equal to 10% of the total contract value i.e. **Rs. 10,75,063.00/-** for proper fulfilment of the contract, shall include the warranty period, and completion of performance obligations including warranty obligations. The performance security will cover 60 days beyond the date of completion of performance obligations including warranty obligations.

4.2 The performance security to be executed in accordance with the clause (4) will be furnished on a stamp paper of value Rs. 100/- from Nationalised Bank / SBI . The B.G will be extended, if required, suitably, in accordance with the provisions of clause (38) of specification.

4.3 In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected / replaced material will be extended to a further period of 12 months and the Performance Bank Guarantee for proportionate value will have to be extended 60 days over and above the extended warranty period.

The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to fulfill its obligations under the Contract.

5) **TERMS OF PAYMENT:**

i) a. **80%** payment towards equipment cost will be arranged within 45 days after the material/equipment is supplied in full shape subject to delivery schedule of work on receipt of material / equipment in good condition.

***Whether the materials are delivered in stores or at site, the vendor shall submit the invoices along with relevant delivery documents as indicated below to the concerned Superintending Engineer/Telecom Zone duly enclosing the form-13 issued by the check measuring officers.***

- i) Form 13
- ii) Contractor's detailed invoice
- iii) Detailed Challan Acknowledged by Consignee
- iv) Manufacturer's/Supplier's Warranty Certificates
- v) Approved Test Certificates
- vi) Copy of Insurance Policy Certificate
- vii) Copy of Acceptance Letter of Performance Security issued by Purchaser

One additional copy each of the above and delivery challan shall be sent to the Chief Engineer/P&MM/TSTransco, VidyutSoudha, Hyderabad-82 immediately after delivering the materials at the destination stores.

- b. 10% payment towards equipment cost will be made after erection of equipment/ material on pro-rata basis **by the concerned Superintending Engineer/Telecom/Zone where the initial 80% payment was already processed.**
- c. Balance 10% payment towards equipment cost will be made along with 100% erection & commissioning charges after commissioning of material / equipment duly certified by the concerned Divisional Engineer/Telecom on pro-rata basis **by the concerned Superintending Engineer/Telecom/Zone where the initial 80% payment was already processed.**
- d. Payment towards erection and commissioning for RTUs will be made by concerned Superintending Engineer/Telecom/Zone, against submission of invoices.
- e. The vendor shall submit the invoices separately for the PFC funded and Non-PFC funded items of the Telecom equipment against relevant scheme codes.
- ii) The Supplier's Bank details are as detailed below for RTGS payment (Real Time Gross Settlement).

1.	Vendor Name	M/s. ABB Power Products and Systems India Ltd.
2	Complete Address	M/s. ABB Power Products and Systems India Ltd., Plot No.4A, 5&6, II Phase, Peenya Industrial Area, Bangalore – 560058.
3	Name of the Bank	DEUTSCHE BANK AG.
4	Branch Address	#26-27, Raheja Towers, M.G.Road, Bangalore-560001.
5	Branch Code	002
6	City	Bangalore.
7	Account No.	2057099000
8	MICR Code	560200002
9	IFSC CODE (NEFT/RTGS).	DEUT0797BGL
10	SWIFT CODE	DEUTINBBBGL
11	Income Tax PAN No.	AARCA9513E

The Bank details as above are final and shall not be revoked under any circumstances. The Bank Charges will be made to the account of M/s. ABB Power Products and Systems India Ltd.

No interest will be payable in case the payment is delayed for whatever reason. The Banker charges involved if any in establishing and operating the Cheque / Bills shall be to your account.

- 6) **CURRENCY OF PAYMENT:** All payments will be made in non-convertible Indian Rupees.

- 7) **WARRANTY:** The equipment shall be guaranteed for satisfactory performance for a period of 36 months from the date of check measurement in form-13 i.e., receipt of the material/Equipment in good condition at stores/site.

During this period, if the equipment is found defective it shall be replaced or repaired by you free of all costs to the TSTransco within 30 days, which shall in no circumstances be more than the delivery period indicated in this order.

In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected / replaced material will be extended to a further period of 12 months and the Performance Bank Guarantee for proportionate value will have to be extended 60 days over and above the extended warranty period.

The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to fulfill its obligations under the Contract.

- 8) **INSPECTION:** As per your request vide letter (5), approval is accorded by TSTransco for carrying out manufacturing of RTU at your ABB (now Hitachi Energy India Limited) works and to utilize your Channel partner works site, Hyderabad for wiring of the accessories and to conduct Factory Acceptance Tests under your direct Supervision at your Channel partner works site, Hyderabad. However, Routine test Reports & Type test reports shall be provided from M/s. ABB (now Hitachi Energy India Limited).

The accredited representative of the TSTransco have access to you or your channel partners works at any time during the working hours for the purpose of inspecting the materials during manufacture of the plant and equipment and testing, and may select samples from the materials going into the plant and equipment. You shall on such occasions provide proper and adequate facilities for testing the selected samples at any time. The final acceptance tests and routine tests shall be conducted in the presence of TSTransco's representative who will be deputed for the purpose.

The program of inspection is to be intimated to the TSTransco with 15 days prior notice for witnessing acceptance and routine tests. The goods shall not be dispatched until such inspection is conducted or waived in writing and followed by dispatch clearance communicated by the purchaser in writing.

- 9) **TESTS AND CERTIFICATES:** Three copies of the test certificates containing the results of all the tests including acceptance and routine tests carried out shall be forwarded to Chief Engineer / P&MM and got approved before the presentation of the bills for payment.

The manufacturer's test certificates shall be submitted immediately after the acceptance tests are conducted and got approved before the equipment is dispatched.

10) **GUARANTEED TECHNICAL PARTICULARS AND DRAWINGS:**

The Guaranteed Technical Particulars approved at Sl.No. I (1-15) communicated vide Letter (6) cited and drawing approval communicated for CMR, MFT and MFT OLTC vide Letter (7) cited against original Purchase Order (3) cited holds good. You are requested to submit Drawings for the present 9 Nos. RTUs for which approval will be issued separately.

11) **GENERAL CONDITIONS OF CONTRACT:** Except in so far as it is provided otherwise in this contract, you shall abide by the terms and conditions indicated in the Tender Specification No. TSPMM31-29/2020 which includes the TSTransco's General Terms and conditions of contract' and all Corrigendums issued to the ref (1).

12) **All other Terms & Conditions indicated in the Purchase Order under ref. (3) are applicable.**

13) **ACKNOWLEDGEMENT:-**Please acknowledge this order soon on its receipt by returning the extra copy of the order enclosed, duly signing it with date in token of acceptance.

Yours faithfully,

Sd/-

CHIEF ENGINEER/P&MM  
(Acting for and on behalf  
of TSTransco)

Encl: 1. Annexure-1 (Schedule of prices)  
2. Annexure-2 (9 Nos. RTUs Configuration)

"WE ACCEPT THE TERMS AND CONDITIONS STIPULATED IN THIS P.O."

Signature of the Contractor with seal

Copy to the:

The Executive Director/Finance/ TSTransco/Vidyut Soudha/Hyderabad.

The FA&CCA/Accounts/TSTransco/Vidyut Soudha/Hyderabad.

The Chief Engineer/Telecom/TSTransco/Vidyut Soudha/Hyderabad

The Chief Engineer/SLDC/ TSTransco Vidyut Soudha/Hyderabad

The Chief Engineer/Zone/Metro/GTS Colony/Erragadda/Hyderabad.

The Chief Engineer/Zone/Rural/GTS Colony/Erragadda/Hyderabad.

The Chief Engineer/Zone/Karimnagar/132/33KVSS Opp. to Court Jagityala road,  
Karimnagar-505 001.

The Superintending Engineer/Telecom/Metro/TSTransco /132 kVSS Chilakalaguda/Opp.  
Gandhi Hospital/Hyderabad

The Superintending Engineer/Telecom/Rural/TSTransco / GTS Colony/ Erragadda/ Hyd.

The Superintending Engineer/Telecom/TSTRANSCO /132/33KVSS Opp. to Court Jagityala  
road, Karimnagar-505 001.

The Superintending Engineer/Telecom/TSTRANSCO /220KVSS, Mulug road, Warangal.

The SE/OMC/Metro-Central /Hyderabad /TSTransco/NIMS GIS/Erramanjil/Hyderabad.

The SAO O/o. SE/OMC/Metro-Central /Hyderabad /TSTransco/NIMS GIS/ Erramanjil/  
Hyderabad----- (Through e-mail)

The Divisional Engineer/Transmission Stores/ TSTransco/ Erragadda/GTS Colony/ Hyd  
The Divisional Engineer/Telecom/Mamidipally/Pahad-e-Sharif/Hyd----- (Through mail)

\*\*\*\* to check measure the equipment at stores

The Divisional Engineer/ Telecom/ Metro /TSTransco /GIS Narayanaguda/Hyderabad---  
(Through e-mail)

The Divisional Engineer/ Telecom/ TSTransco/ 132KVSS/Mahaboob Nagar ----  
(Through e-mail)

The Divisional Engineer/Telecom/Adilabad ---- (Through e-mail)

The Divisional Engineer/Telecom/Karimnagar ---- (Through e-mail)

The Pay Officer/TSTransco/Vidyut Soudha/ Hyderabad

The SAO/ P&A/ TSTransco/Vidyut Soudha/Hyderabad.

The Asst. Exec. Engineer/Transmission Stores/ TSTransco/ 220KV Substation/ Shapurnagar/  
Hyd.

**Annexure-1 (Schedule of prices)**  
**Repeat Order on M/s. ABB Power Products and Systems India Ltd.**  
**PO No. 4500003090/703, Dt.:31.03.2022**

(All figures are in India Rupees)

Sl. No.	RTU Location	UOM	QTY	unit ex-works price	Freight	Insurance	unit landed price	Total Landed price without GST	IGST	Unit FAD price	Total landed Price
<b>I</b>	<b>Material Portion</b>										
I 1	132 KV SS E-CITY FABCITY	No.	1	760190.00	7500.00	200.00	767890.00	767890.00	138220.20	906110.20	906110.20
2	132/33 KV SS GACHIBOWLI	No.	1	731290.00	7500.00	200.00	738990.00	738990.00	133018.20	872008.20	872008.20
3	132/33 KV SS KANDUKURU	No.	1	736810.00	7500.00	200.00	744510.00	744510.00	134011.80	878521.80	878521.80
4	132/33 KV SS PADMA NAGAR	No.	1	759270.00	7500.00	200.00	766970.00	766970.00	138054.60	905024.60	905024.60
5	132/33 KV SS KOTAGIRI	No.	1	750680.00	7500.00	200.00	758380.00	758380.00	136508.40	894888.40	894888.40
6	132/33 KV SS NAGARAM	No.	1	738650.00	7500.00	200.00	746350.00	746350.00	134343.00	880693.00	880693.00
7	132/33 KV SS PATANCHERU	No.	1	751910.00	7500.00	200.00	759610.00	759610.00	136729.80	896339.80	896339.80
8	132 KV SS NIMMAPALLI	No.	1	758350.00	7500.00	200.00	766050.00	766050.00	137889.00	903939.00	903939.00
9	132 KV SS ZTS MOULALI	No.	1	811890.00	7500.00	200.00	819590.00	819590.00	147526.20	967116.20	967116.20
<b>B</b>	<b>Accessories</b>										
10	FSK Modem	No.	8	42474.58			42474.58	339796.64	7645.42	50120.00	400960.04
11	Rack for FSK modem	No.	8	8686.44			8686.44	69491.52	1563.56	10250.00	81999.99
12	Power Supply Unit for FSK modem	No.	8	7203.39			7203.39	57627.12	1296.61	8500.00	68000.00
13	8 port Ethernet Switch	No.	18	14406.78			14406.78	259322.04	2593.22	17000.00	306000.01
<b>C</b>	<b>20% Spares of RTU Configuration</b>										
14	Multi Function Transducer (MFT)	No.	25	5100.00			5100.00	127500.00	918.00	6018.00	150450.00
15	Multi Function Transducer (OLTC)	No.	9	3100.00			3100.00	27900.00	558.00	3658.00	32922.00
16	Contact Multiplying Relay(CMR)	No.	168	460.00			460.00	77280.00	82.80	542.80	91190.40
17	Local/Remote selector Switch (L/R Switch)	No.	25	2550.00			2550.00	63750.00	459.00	3009.00	75225.00
18	Interposing Relay (I/P Relay)	No.	50	410.00			410.00	20500.00	73.80	483.80	24190.00
<b>D</b>	<b>RTU Spares (Each set should consist of CPU-1No, DI Cards -4No.s, DO Cards - 2No.s, PSU-1No &amp; Any other card (DI card) - 1No).</b>										
19	CPU card	No.	4	73900.00			73900.00	295600.00	13302.00	87202.00	348808.00
20	PSU card	No.	4	18500.00			18500.00	74000.00	3330.00	21830.00	87320.00
21	DI card	No.	4	10500.00			10500.00	42000.00	1890.00	12390.00	49560.00
22	DO card	No.	4	8400.00			8400.00	33600.00	1512.00	9912.00	39648.00
23	Chassis for RTU	No.	4	31000.00			31000.00	124000.00	5580.00	36580.00	146320.00
<b>II</b>	<b>Erection &amp; Commission Charges</b>	No.	9	70000.00				630000.00	12600.00	82600.00	743400.00
	<b>Total</b>							<b>9110707.32</b>			<b>10,750,634.64</b>
										<b>or Say</b>	<b>10,750,635.00</b>

(Rupees One Crore Seven Lakhs Fifty Thousand Six Hundred and Thirty Five Only)

sd/-  
Chief Engineer/P&MM



**Annexure - 2**  
**PO No. 4500003090/703, Dt.:31.03.2022**

<b>I</b>							<b>Accessories</b>			
<b>CONFIGURATION OF 9 Nos. RTUs</b>										
<b>Sl. No.</b>	<b>RTU Location</b>	<b>MFT</b>	<b>MFT (OLTC)</b>	<b>CMR</b>	<b>L/R Switch</b>	<b>I/P Relay</b>	<b>Modems</b>	<b>Rack for FSK modem</b>	<b>Power Supply Unit for FSK modem</b>	<b>8 port Ethernet Switch</b>
1	132 KV SS E-CITY FABCITY	14	2	98	14	28				2
2	132/33 KV SS GACHIBOWLI	12	2	72	12	24				2
3	132/33 KV SS KANDUKURU	12	2	84	12	24				2
4	132/33 KV SS PADMA NAGAR	14	2	96	14	28	2	2	2	2
5	132/33 KV SS KOTAGIRI	13	3	89	13	26	2	2	2	2
6	132/33 KV SS NAGARAM	12	2	88	12	24	2	2	2	2
7	132/33 KV SS PATANCHERU	14	2	80	14	28	2	2	2	2
8	132 KV SS NIMMAPALLI	14	2	94	14	28				2
9	132 KV SS ZTS MOULALI	18	3	130	18	36				2
<b>TOTAL</b>		<b>123</b>	<b>20</b>	<b>831</b>	<b>123</b>	<b>246</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>18</b>
<b>II 20% Spares of RTU Configuration</b>										
1	132 KVSS E-CITY FABCITY	3	1	20	3	6				
2	132/33 KVSS GACHIBOWLI	2	1	14	2	4				
3	132/33 KVSS KANDUKURU	2	1	17	2	4				
4	132/33 KVSS PADMA NAGAR	3	1	20	3	6				
5	132/33 KVSS KOTAGIRI	3	1	18	3	6				
6	132/33 KVSS NAGARAM	2	1	18	2	4				
7	132/33 KVSS PATANCHERU	3	1	16	3	6				
8	132 KVSS NIMMAPALLI	3	1	19	3	6				
9	132 KVSS ZTS MOULALI	4	1	26	4	8				
<b>Total No. of Spares</b>		<b>25</b>	<b>9</b>	<b>168</b>	<b>25</b>	<b>50</b>				
<b>III RTU Spares</b>		<b>CPU card</b>	<b>PSU card</b>	<b>DI card</b>	<b>DO card</b>	<b>Chassis for RTU</b>				
1	132 KVSS E-CITY FABCITY	1	1	1	1	1				
2	132/33 KVSS PADMA NAGAR	1	1	1	1	1				
3	132/33 KVSS PATANCHERU	1	1	1	1	1				
4	132 KVSS NIMMAPALLI	1	1	1	1	1				
<b>Total No. of Spares</b>		<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>				

sd/-  
Chief Engineer / P&MM