



TRANSMISSION CORPORATION OF TELANGANA LIMITED

From,
Chief Engineer,
Metro Zone, TSTRANSCO,
Erragadda,
HYDERABAD – 500 045

To,
M/s. Shashank Enterprises,
D.No.8-5-245, Lakshminagar,
Karimnagar-505 001.
Fax No.0878-2242578

P.O.No.05/2014-15/CE/Metro Zone/Hyd/ADE (O&M)/AE (P)/D.No.532/14, Dt: 04-07-13
Sirs,

Sub: - TSTRANSCO – Metro Zone – Hyd – Procurement of overhauling kits for 245 KV SF6 circuit breakers (CGL make, Type 200 – SFM – 40 A) at 400KV SS Mamidipally – Detailed purchase order –Issued.

Ref: - 1) Quotation of M/s CGL, DT.01-04-2014, Ref.No.YS/SC/RSR/14-13/ APTRANSCO/400KV SS M'Pally/004.
2) E-mail of M/s. Shashank Enterprises, Karimnagar vide Ref.No.2031CG2014, Date: 01-07-2013.

I acting for and on behalf of and by the order and direction of the TSTRANSCO accept your quotation cited for Procurement of overhauling kits for 245 KV SF6 circuit breakers (CGL make, Type 200 – SFM – 40 A) at 400KV SS Mamidipally as per the terms and conditions set out in this order.

1. **SCOPE OF CONTRACT:**

This contract relates to the Procurement of overhauling kits for 245 KV SF6 circuit breakers (CGL make, Type 200 – SFM – 40 A) at 400KV SS Mamidipally as per the terms and conditions set out in this order.

2. **SCHEDULE OF MATERIAL AND PRICES:** As per annexures.

Sl.No.	Description of Material	Qty.	Per	Unit Price Rs Ps	Amount (in Rs.)
1	Mandatory spares for mechanism overhauling of 245 KV SF6 circuit breakers (CGL make, Type 200 – SFM – 40 A) at 400KV SS, Mamidipally of CGL Make (List as per annexure-I)	4	Sets.	147960.00	591840.00
2	Optional spares (List as per annexure-II)	2	Sets	65147.00	130294.00
	(1) Sub-total Rs.				722134.00
	(2) Add Packing and forwarding charges @ 2.5% on Sub-total Rs.				18053.35
	On (1+2) Add APVAT @ 5% Rs.				37009.37
	Total Rs.				777196.72
	or Say Rs.				777197.00
(Rupees Seven Lakhs Seventy Seven Thousand One Hundred and Ninety Seven Only)					

3. **PRICES:**

The Prices noted in schedule of materials are net, firm in rupees on FOR destination (TLC store, Erragadda, Hyderabad) basis. The value of purchase order is for **Rs. 7,77,197/-** (Rupees Seven Lakhs Seventy Seven Thousand One Hundred and Ninety Seven Only) and is inclusive of APVAT @ 5%, Packing & forwarding @ 2.5%. The rate of APVAT is applicable as per the prevailing rate at the time of dispatch of the material.

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4. TERMS OF PAYMENT:

100% payment along with Taxes and Duties shall be made against proforma invoice. You are requested to submit the proforma invoice in triplicate in advance to the Superintending Engineer/O&M/400KV/Metro/Hyderabad for arranging payment. No interest will be payable in case the payment is delayed for whatever reasons. However the cheque will be handed over receipt of the goods in good condition at TLC store, Erragadda. The regular invoice shall be sent to Executive Engineer/TLC/Stores/Erragadda for regularization.

5. DELIVERY:

Delivery shall be completed within 8-10 weeks reckoned from the date of receipt of technically and Commercially clear Purchase Order.

6. DESPATCH INSTRUCTIONS:

You are requested to dispatch the material to TLC stores, Erragadda, Hyderabad. Consigned to Assistant Executive Engineer/TLC Stores/Erragadda/Hyderabad.

7. PAYING OFFICER:

The Paying Officer is Superintending Engineer/O&M/400KV/Metro/Hyderabad.

8 LOSS OR DAMAGE:

External damages or shortages that are prima-facie the result of rough handling in transit or due to defective packing will be intimated to you within a fortnight of receipt of materials. Internal defects, damages or shortage of any internal parts, which cannot ordinarily be detected on a superficial visual examination due to bad handling in transit or defective packing or other reasons, would be intimated within two months from the date of receipt. In either case the defective or damaged equipment should be replaced and the shortages made good by you free of cost to the TSTRANSCO.

9. MATERIAL AND WORKMANSHIP:

All the materials shall be of the best class and shall be capable of satisfactory operation in the tropics and other service conditions without distortion or deterioration of the appropriate Indian, British or America Standard. The workmanship shall be of the highest grade and the entire construction in accordance with the best modern practice.

10. JURISDICTION:

All and any disputes or differences arising out of or touching this order based on this Specification shall be decided by a panel of arbitrators.

VALUE OF CLAIM	PANEL OF ARBITRATORS
i) Disputes involving amounts upto Rs.10,000/- and below.	Superintending Engineer of the TSTRANSCO the circle to which the disputes relates.
ii) Disputes involving amounts from Rs.10,000/- to Rs.50,000/-	Any Chief Engineer of the TSTRANSCO.
iii) There shall not be any reference of disputes, the value of which is above Rs.50,000/- to arbitration. The parties shall approach the competent civil courts in Hyderabad and Secunderabad having jurisdiction if any such dispute arise.	

11. GENERAL:-

- Your acknowledgement of this order and all the correspondence of general or technical nature shall be addressed to the Chief Engineer/ MZ/Erragadda/GTS Colony/Opp: CTI/ Hyderabad-45.

- b. All correspondence regarding, payments and any other field matters shall be addressed to the Executive Engineer/TLC/Stores/Erragadda/Hyderabad. Copies of such correspondences shall be marked to the Chief Engineer/TSTRANSCO/Metro Zone / Erragadda/Opp: CTI/GTS Colony/ Hyderabad-45 and Superintending Engineer/O&M/ 400KV/Metro/Hyderabad.

12. ACKNOWLEDGEMENT:

Please acknowledge the receipt of this order with your confirmation of its acceptance by you. The additional copy enclosed may please be returned with your signature in token of your acceptance.

Encl: Copy of Purchase Order in duplicate & Material annexure.

Yours faithfully,

**Sd/-
CHIEF ENGINEER,
METRO ZONE/ HYDERABAD**

WE ACCEPT THE TERMS AND CONDITIONS OF THIS ORDER

Signature of the
Supplier with Seal and Date

Copy to:

The Chief Engineer/Transmission/Vidyut Soudha/Hyderabad.
The Superintending Engineer/O&M/400KV/Metro/Hyderabad.*
The Divisional Engineer/O&M/400KV/Mamidikuppam.
The Executive Engineer/TLC/Stores/Erragadda/Hyderabad.
The Assistant Executive Engineer/TLC/Stores/Erragadda/Hyderabad.
The Accounts Officer, O/o Superintending Engineer/O&M/400KV/Metro/Hyderabad. **

* Receipt of material may be informed to this office.

** Advance payment may be adjusted immediately after receipt of material.

Copy to,

M/s. CGL,
Minerva Complex, 4th floor,
94, Sarojini Devi Road,
Secunderabad – 500 003.

ANNEXURE-I**MANDATORY SPARES FOR MECHANISM OVERHAULING OF 245 KV SF6 GAS
CIRCUIT BREAKER (1Set) Consisting of following:**

Sl. No	Item Description	Qty required per CB	Unit	Unit EX-Works Price in Rs/	Total Ex-Works Price in Rs.
1	O Ring P - 18	6	Nos	250.00	1,500.00
2	O Ring P - 17	9	Nos	250.00	2,250.00
3	Control Valve Seat	3	Nos	1187.00	3,561.00
4	Roller with Bearing for Holding latch	3	Nos	625.00	1,875.00
5	Reservor "O" Ring	6	Nos	85.00	510.00
6	Al.Pipe O ring IAP - 80	6	Nos	100.00	600.00
7	Set of Circlips, split pins, Grub Screws, Allen bolts	3	Sets	812.00	2,436.00
8	Safety Valve	1	No	4497.00	4,497.00
9	Drain Valve	3	Nos	1031.00	3,093.00
10	Check Valve (NRV)	1	No	2124.00	2,124.00
11	Operation Counter	3	Nos	1999.00	5,997.00
12	Trip latch spring	3	Nos	75.00	225.00
13	Antipumping spring	3	Nos	75.00	225.00
14	Bearing of holding latch barpin (Mech Frame)	6	Nos	1031.00	6,186.00
15	Rear door cork gasket	3	Sets	500.00	1,500.00
16	Bend Pipe Cork Gasket	3	Nos	100.00	300.00
17	Front Door M type Rubber Gasket	21	Mtrs	350.00	7,350.00
18	C/D rooler with bearing	6	Nos	1374.00	8,244.00
19	Capseal with O-Ring	3	Nos	4809.00	14,427.00
20	Trip latch	3	Nos	2249.00	6,747.00
21	Nyloc nut of control valve drive rod	3	Nos	62.00	186.00
22	Bearing of the Barpin where holding latch gets latched	6	Nos	1187.00	7,122.00
23	Shock Absorber oil	5	Ltrs	437.00	2,185.00
24	O Ring IAP44	6	Nos	100.00	600.00
25	O Ring IAP90	3	Nos	100.00	300.00
26	Compressor tune up kit	1	No	11118.00	11,118.00
27	Compressor Belt (A55)	2	Nos	562.00	1,124.00
28	Anabond 680 (100 Gm)	3	Nos	344.00	1,032.00
29	3 Bond Compound (1 Pkt - 10 Gms)	1	Pkt	250.00	250.00
30	Darina Grease (1 Pkt - 500 Gms)	1	Pkt	1049.00	1,049.00
31	Trip coils (Double)	3	Nos	6870.00	20,610.00
32	Contactor 4 NO+ 4 NC 220V DC	1	No	2250.00	2,250.00
33	Contactor 7 NO+ 1 NC 220V DC	1	No	2250.00	2,250.00

Sl. No	Item Description	Qty required per CB	Unit	Unit EX-Works Price in Rs/	Total Ex-Works Price in Rs.
34	O/L Relay 4-6 AMP	1	No	2249.00	2,249.00
35	Air Pressure Gauge	1	No	3873.00	3,873.00
36	Time totalizer	1	No	1874.00	1,874.00
37	Gas Pressure Gauge	3	Nos	3873.00	11,619.00
38	88acm Contactor	1	No	2748.00	2,748.00
39	MCB 4 pole 415V AC	1	No	1874.00	1,874.00
Total					1,47,960.00

ANNEXURE-II

Optional Spares (1Set) Consisting of following:

Sl. No	Item Description	Qty required per CB	Unit	Unit EX-Works Price in Rs/	Total Ex-Works Price in Rs.
1	Control Valve Assembly	1	No	36,227.00	36,227.00
2	TNC Switch 4 Pole 250V DC	1	No	1,624.00	1,624.00
3	LR Switch 7 Pole 250V DC	1	No	2,561.00	2,561.00
4	Shock Absorber Assembly	1	No	19,988.00	19,988.00
5	AL. Bend pipe	1	No	4,747.00	4,747.00
	Total				65,147.00

Sd/-
CHIEF ENGINEER,
METRO ZONE/ HYDERABAD