



THIRUVANANTHAPURAM REGIONAL CO-OPERATIVE MILK PRODUCERS' UNION LTD  
HEAD OFFICE, KSHEERA BHAVAN, PATTOM, THIRUVANANTHAPURAM - 695 004  
Ph: 0471-3512555, 2447109

No. 715 B/TRU/PC/2023-24

23/04/2024

TENDER NOTICE

Sealed competitive tenders are invited from contractors/firms having sufficient previous experience for fabrication of False ceiling and Electrification work at Board room of Ksheerabhavan, TRCMPU, Pattom with PAC of Rs. 1,80,000/-as per Specification, terms and conditions mentioned herewith . The tender should be submitted to the undersigned on or before 10/05/2024, 2.30PM.

Encl:

Annexure I : Tender Terms and Condition  
Annexure III : Technical Specification  
Annexure II : Bid form with price bid format

  
Managing Director  
TRCMPU Ltd  
JK



ANNEXURE - A  
Terms and Conditions

1. Scope of Work: Electrification work and false ceiling works at Board room of TRCMPU head Office, Ksheerabhavan, Pattom as per specification and direction.
2. Tender Submission: The offer should be submitted in sealed envelope with the quotation No. and due date super scribed on it. Bidder must affix sign and seal on each page of tender document. The offer should reach the office in the following address on or before 2.30 PM on the due date of submission and shall be opened on the same day at 3.00 PM. The rates must be quoted as per BOQ attached herewith.  
"The Managing Director, TRCMPU Ltd, Milma, KsheeraBhavan, Pattom PO, Thiruvananthapuram - 695004"
3. Estimated Value: Rs.1,80,000 (Rupees one lakh eighty thousand Only)
4. Price Basis: The unit rate is inclusive of cost of materials, transportation, labour charges, taxes, other incidental expenses etc and nothing will be paid extra on this account. The rates shall remain same from the date of commencement till the entire work is completed by you in all respect and no enhancement of rate will be entertained.
5. Validity: The offer should remain valid for acceptance for a period of 60 days from the date of opening.
6. Guarantee: You shall give guarantee for the performance of the work carried out for a period of 12 months from the date of commissioning. The entire expenditure towards replacement/repair in this regard shall be borne by you.
7. Period of Completion: You should complete the entire work as per specification within 14 days from successful receipt of the work order.
8. Payment:  
Payment shall be released by Head Office (TRCMPU Ltd) as follows:  
100% of total amount will be released after the completion of entire work and commissioning of the system satisfactorily.
9. Billing and delivery Address:  
The Managing Director  
TRCMPU Ltd, KsheeraBhavan  
Pattom P.O, Trivandrum- 695 004  
GST: 32AAAAT9795J1ZX
10. Material Supply: All materials to be supplied by the Contractor, if not as mentioned in the schedule.
11. GENERAL:
  - Work will be carried out as per the Terms and conditions and Technical Specifications issued by TRCMPU Ltd.
  - The bidder shall have to pay liquidated damages @ 0.5% (Half percentage) per day, for the delay in completion of the work subject to the maximum of 5 % of the order value.
  - The TRCMPU shall not be liable for any damage or compensation, in consequence to any accident or injury to any workman or other persons employed by the contractor.
  - The work has to be carried out without affecting the day to day operation of the office.
  - Damage should not occur to the Electrical Installation, Pipe lines, Equipment, Machinery etc. while carrying out the work.



Annexure B  
Technical Specification  
 GYPSUM BOARD CEILING/ ACOUSTIC BOARD CEILING

SI No	Spec	Details
1	Ceiling Type	Gypsum
2	Total Area	50 sq mtr approx
3	Gypsum Board	
3.1	Gypsum Board type	Plain
3.2	Gypsum Board thickness	12.5mm
3.3	Brand	Gyproc/ Armstrong/ Shera/ USG Boral
3.4	Fabrication	
3.5	Explosive Bolt	10mm GI anchor bolt
4	Hanging Pole	
4.1	Hanging Pole	GI L angle 1" x 1/4"
4.2	Hanging Pole thickness	0.45 mm
4.3	Hanging Pole Spacing	0.6 meter gap
4.4	Brand	Gyproc/ Armstrong/ Shera/ USG Boral
5	Wall Support (Perimeter channel)	
5.1	Type	GI Channel - on flange 20mm and other 30mm Web 27mm
5.2	Thickness	0.45mm
5.3	Mounting	Gypsum screw (25mm)
5.4	Screw spacing	1'
5.5	Brand	Gyproc/ Armstrong/ Shera/ USG Boral
6	Intermediate Support	
6.1	Type	GI channel 15 x 45 x 15mm
6.2	Thickness	0.90 mm
6.3	Spacing	1 Meter
6.4	Brand	Gyproc/ Armstrong/ Shera/ USG Boral
7	Section	
7.1	Type	G I section Curled web of 80mm and two flanges of 26mm
7.2	Thickness	0.55 mm
7.3	Brand	Gyproc/ Armstrong/ Shera/ USG Boral
8	Joint Tape	Gyproc/ Armstrong/ Shera/ USG Boral
9	Putty	Gyproc/ Armstrong/ Shera/ USG Boral
10	Screw spacing (Gypsum Board)	10"
10	Gypsum Board Border Box	
10.1	Width	3'
10.2	Height	7"
10.3	Projection	Towards ground

Technical specification (GRID CEILING)

SI No	Spec	Details
1	Ceiling Type	Grid ceiling-echo proof
2	Total Area	100mtr approx
3	GRID Tile	
3.1	Tile type	Laminated Board
3.2	Thickness	12.5mm
3.3	Brand	Gyproc/ Armstrong/ Shera/ USG Boral/
3.4	Size	600 x 600 mm
4	Fabrication	
4.1	Explosive Bolt	10mm GI anchor bolt
5	Hanging Pole	
5.1	Hanging Pole	GI L angle 1" x 1/4"
5.2	Hanging Pole thickness	0.45 mm



5.3	Hanging Pole Spacing	1.2 meter gap
5.4	Brand	Gyproc/ Armstrong/ Shera/ USG Boral
6	Wall Support (Perimeter channel)	
6.1	Type	GI L section
6.2	Thickness	0.45mm
6.3	Mounting	Gypsum screw (6mm)
6.4	Size	1" x 1"
6.5	Screw spacing	1'
6.6	Brand	Gyproc/ Armstrong/ Shera/ USG Boral
7	Main Keel	
7.1	Type	GI T angle 1" x 1 1/4"
7.2	Spacing	120cm
8	Cross Keel	
8.1	Type	GI T angle 1" x 1 1/4"
8.2	Spacing	4'
8.3	Fixing	4' and 2'
9	Cornice	
9.1	Size	4"
9.2	Material	POP moulded
10	Accoustic wool	, acoustic wool (25 mm compressed material)

List of approved make of Electrical items

Wire/cable	Polycab, Havels, RR kabel
switches	legrand, L & T
MCB, RCCB, switch gear	L & T
Lamps, LED light fixture	samson, dewton, wipro, philips, syska
Exhaust fan	Luker, V Guard
GI box	Legrand, Indo asian



ANNEXURE - C

**BID FORM**

No. ....

DATE.....

Name of Bidder :

Address :

Contact No. :

Email-Id :

**PRICE BID**

Sl. No	Item Description	Qty	Units	Basic Rate	Total Amount
	Electrical Works			Rs /unit	Rs
1	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.1 x 1.5 sq.mm	360	metre		
2	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.1 X2.5 sq.mm	200	metre		



3	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.1 x 10 sq.mm	50	metre		
4	Supply and fixing of following sizes of medium gauge PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required 25 mm	50	metre		
5	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.5/6 amps switch	25	nos		
6	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.15/16 amp switch	3	nos		
7	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.3 pin 5/6 amp socket outlet	10	nos		
8	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.6 pin 15/16 amp socket outlet	3	nos		
9	Supply and Fixing the following modular switches & accessories in the existing front plates and giving necessary connections as required (RoHS compliant ) 32A DP switch with indicator	3	nos		
10	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.1 or 2 Module (75mmX75mm), including concealment, wall cutting, cement plastering as required	2	nos		



11	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.6 Module (200mmX75mm) including concealment, wall cutting cement plastering as required	2	nos		
12	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.3 Module (100X75mm), including concealment, wall cutting cement plastering as required	3	nos		
13	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.4 Module (120X75mm), including concealment, wall cutting, cement plastering as required	1	nos		
14	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.8 Module (240X75mm), including concealment, wall cutting, cement plastering as required	1	nos		
15	Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of MCB DB including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required 4 way (8+12) - three phase double cover (IP42/43)	1	nos		
16	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single pole	12	nos		
17	Supplying and fixing 415 volts, 63amps, TPN FN switch gear with weather-proof enclosure complete with connections, testing and commissioning etc. as required.	1	nos		
18	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.63amps	1	nos		



19	Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.63amps	1	nos		
20	Supply and fixing of LED light fixture, 40 W 2' x 2' (min 5000 Lumens, backlit panel cool white) in existing false ceiling, giving connection, wires etc	30	nos		
21	Supply and fixing of LED light fixture, 18 W round type (min 5000 Lumens, backlit panel cool white) in existing false ceiling recess, giving connection, wires etc	1	nos		
22	LED strip (cool white colour ) with SMPS/Drive unit along with wiring and connections	26	mtr		
23	Spot lamp/ focus light to illuminate Milma emblem concealed type giving connection, wires etc	3	nos		
24	Dismantling of existing light fittings, electrical wiring, switch boards and transportation to a point within Ksheerabhavan compound.	1	Lumpsum		
25	End termination of main incomer cable 25 sq mm	1	nos		
	<u>Civil Works</u>				
26	Dismantling of existing False ceiling with ligh fittings and disposal of debris within Ksheerabhavan compound.	1	Lumpsum		
27	Supplying and fixing false ceiling using gypsum board of approved quality and make with necessary channels, fittings etc. final painting using acrylic emulsion paint. The rate including taxes, cost and conveyance of all materials to site, labour charges and hire charges for scaffolding complete as per direction and specification.	25	sq.mtr		



28	Supplying and fixing grid ceiling using 12 mm powder coated acoustic board of approved quality and make with necessary channels, fittings, acoustic wool (25 mm compressed material) etc. final painting using acrylic emulsion paint the rate including taxes, cost and conveyance of all materials to site, labour charges and hire charges for scaffolding complete as per direction and specification,	40	sq.mtr	
				Total
				Taxes
				Grand total

Grand total in words:

Sign:

Seal: