



माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर  
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR  
Deemed to be University  
(Declared under Distinct Category by Ministry of Education, Government of India)  
NAAC ACCREDITED WITH A++ Grade  
Gola Ka Mandir, Gwalior (M.P.)- 474005, INDIA  
Ph.:+91-751-2409300, E-mail: director@mitsgwalior.in, Website: www.mitsgwalior.in



Cost of Tender Form: Rs.2000/- (Non-refundable)

S.No.

## TENDER DOCUMENT

FOR

(B) Electrification work in Central Workshop

**Tender, 2024-2025**

The tender documents contains pages 08 from page no.01 to 08



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TENDER NOTICE

Sealed tenders are invited from eligible registered suppliers/agencies who are registered and having TIN/PAN/GST No. and proof of Income Tax clearance Certificate. The tender form shall be issued to those agencies/firms who qualify the below criteria.

S.No.	Category of Tenders	Earnest Money (Rs.)	Cost of Tender form Rs.
1.	<b>ELECTRIFICATION WORKS Category -</b>		
(B)	Electrification work in Central Workshop	25,000/-	2000/-

The tender document can be obtained from the office of the Deputy Registrar, on or before **16.06.2024** up to **02:00 PM** by depositing the cost of tender form in cash/DD in favor of Director, MITS, payable at Gwalior (Non-refundable) in the Institute working hours. The last date for the submission of completed tender form is **16.06.2024** up to **03.00 PM** and tenders will be opened on **16.06.2024** at **4:00 PM** in the presence of the tenderers or their representatives. The tender documents can be downloaded from the web-site [www.mitsgwalior.in](http://www.mitsgwalior.in). The tenders directly downloaded from the website, must be attached with a Draft/Pay order in favor of the **Director, MITS, Gwalior, payable at Gwalior**, for the tender cost.

**DIRECTOR**

## GENERAL TERMS AND CONDITIONS

1. Tender documents can be obtained against cash payment/DD of Rs.2000/- in favor of DIRECTOR, MITS, Gwalior payable at Gwalior (non-refundable) on or before 16.06.2024 up to 02..00 PM from the Institute during working days. The tender form can also be directly downloaded from the institute website [www.mitsgwalior.in](http://www.mitsgwalior.in) and shall be enclosed with tender form fees of Rs.2000/- in form of a D.D. in name of Director, MITS, payable at Gwalior.
2. Earnest money amount of **Rs. 25,000/-** deposit (EMD) is to be submitted directly as per item Head along with the completed tender form duly sealed in 1<sup>st</sup> cover. The EMD shall be in the form of Demand Draft/Pay Order in favour of the **Director, MITS, Gwalior** payable at Gwalior.
3. Eligibility Criteria for applying for the tender:-
  - a. Valid GST Number is compulsory.
  - b. Valid TIN Number and PAN Card Photocopy.
  - c. Proof of Past Satisfactory assignment of the same nature done in the reputed Government departments.
  - d. Valid PWD / CPWD Registration in Electrical Class.
  - e. Audited Balance Sheet for Last Five Financial Year
4. MANUFACTURER AUTHORIZATION ( mentioned with Tender No. ) for
  - a. LT Cables
  - b. Panel
  - c. RCCB , MCB
  - d. Lugs & Glands

**These certificates are to be put inside the 1<sup>st</sup> envelope.**

5. The tenderers shall submit the tender in two sealed envelopes marked as 1st and 2nd. The first envelop should contain the E.M.D.,Tender cost DD/Reciept and copies of all relevant documents pertaining to eligibility criteria and the second envelop should contain the tender form of the price bid. In case the 1st cover is not annexed for eligibility criteria in the proper form as mentioned above in clause (3) and/or is without E.M.D. the envelop marked 2nd will not be opened at all and the same will be rejected and no representations shall be entertained in this regard. The sealed covers must be super-scribed with the contents contained there in.
6. The last date and time of submission of tenders is on 16.06.2024. upto 03.00 PM.
7. Tenders will be opened on 16.06.2024 at 04.00 PM. First envelop will be opened from 04.00PM and the second envelop for the eligible tenderers will be opened on the same date.
8. Validity of the rates will be up to one year.
9. Telegraphic/Fax and conditional tenders shall not be accepted.
10. **Director, MITS, Gwalior**, reserves the right to accept or reject any or all tenders without assigning any reason thereof, **even the lowest tender does not necessarily qualify for the order.**
11. The rates should **be F.O.R. at site (Institute Premises.** No extra charges on this account (for Octroi, sales tax and surcharge, etc) shall be payable to the suppliers.
12. Our Institute is exempted to pay excise duty.
13. **The rates should include all material, labour charges, profit & relevant taxes including GST, if any.**
14. The tenderers whose tender is accepted shall have to sign an agreement as per the format of institute. The Institute will award the contract to the bidder whose tender has been determined to be substantially responsive and who had offered the lowest evaluated package cost.
15. Any amount due or becoming due for the tender shall be recovered from their bills.
16. The competent authority reserves the right to increase or decrease the quantity of any item or cell during the period of contract. The tenderers will be bound to comply with the order of the competent authority without any claim and compensation.

17. The rate should be competitive and workable.
18. Any controversy will be subject to display in Gwalior Jurisdiction only.
19. The Income Tax shall be deducted from the bills as per the rules.
20. The whole supply should be satisfactorily executed within stipulated time from the date of issue of order. Time extension will not be permitted.
21. The tenderers shall execute the work as per specification mentioned in the supply order.
22. Before making any supply of any materials to the Institute, the tenderers or his representative shall get it approved by the competent authority, otherwise the supply shall not be approved. To check the rest of supply, he should submit the approved sample in our office, if items do not belong to reputed or registered make.
23. The tenderer should satisfy himself regarding the magnitude of the supply and no claim on this account shall be entertained thereafter.
24. Warranty period should be clearly specified as per the latest terms & conditions of the original manufacturers and the parts and labour cost are to be included for the full warranty period.
25. The warranty period will be considered from the date of supply of the items.
26. A duly constituted committee of the Institute may inspect the supply made by the tenderer at other places. The committee may also inspect infrastructure of those applicants who qualify the eligibility criteria in clause-3, for satisfaction.
27. M.I.T.S., Gwalior will have rights to check the sample before supply.
28. Payment will be made after the successful and satisfactory supply and installation/completion of the work.
29. The contractor/firm have to be completed the assigned works or part of work positively otherwise it will be treated as breach of the contract and deposited earnest money shall be forfeited.
30. The EMD of successful vendor will be released only after tender duration
31. 5% SD will be deducted from the Bill of the Vendor & will be released after 1 year of the supply, commissioning and satisfactory performance of the Water hydrant system.
32. Tenderer are suggested to visit the actual site for more/exact details of work.
33. Warranty of 12 Month from date of completion to be in scope of Bidder.
34. Arrangement of tools, rollers, lugs crimping tool, unloading, shifting , height will be in scope of Bidder.
35. Bidder must have attend any Fuse of Call or Complaint with Two Hours .

**Director**

I have studied the above general conditions of the contract and shall abide by them.

**Seal & Signature of the Agency/Firm**

**FINANCIAL BID**  
**BOQ (BILL OF QUANTITIES)**

S.N.	ITEM DESCRIPTION	QUANTITY	UNIT	Rates	GST	AMOUNT
1.	<b>LED Street Light 60W - 3000K - Lens Type</b>					
		01	No.			
2.	<b>GI Bend Pipe for Street Light - B Class Heavy with Clamp &amp; Fastners</b>					
		01	No.			
3.	<b>PVC Conduit Pipe 25 MM - HMS</b>					
		01	Meter			
4.	<b>PVC Conduit Pipe 32 MM - HMS</b>					
		01	Meter			
5.	<b>PVC Bend 25 MM</b>					
		01	No.			
6.	<b>PVC Bend 32 MM</b>					
		01	No.			
7.	<b>PVC Junction Box 25 MM - 1W/2W/3W/4W with Lid &amp; Screw</b>					
		01	No.			
8.	<b>PVC Junction Box 32 MM - 1W/2W/3W/4W with Lid &amp; Screw</b>					
		01	No.			
9.	<b>PVC Flexible Pipe 16 mm</b>					
		01	Meter			
10.	<b>PVC Flexible Pipe 20 mm</b>					
		01	Meter			
11.	<b>PVC Flexible Pipe 25 mm</b>					
		01	Meter			
12.	<b>PVC Flexible Pipe 32 mm</b>					
		01	Meter			
13.	<b>PVC Flexible FRLS Wire 1C x 1.50 Sq.mm , Cu. Multistranded</b>					
		01	Meter			
14.	<b>PVC Flexible FRLS Wire 1C x 2.50 Sq.mm , Cu. Multi stranded</b>					
		01	Meter			
15.	<b>PVC Flexible FRLS Wire 1C x 10.00 Sq.mm , Cu. Multi stranded</b>					
		01	Meter			
16.	<b>PVC Flexible FRLS Wire 1C x 16.00 Sq.mm , Cu. Multi stranded</b>					
		01	Meter			
17.	<b>PVC Flexible MCR 2C x 1.00 Sq.mm , Cu.</b>					

		01	Meter			
18.	<b>PVC Flexible MCR 2C x 1.50 Sq.mm , Cu.</b>					
		01	Meter			
19.	<b>PVC Flexible MCR 3C x 2.50 Sq.mm , Cu.</b>					
		01	Meter			
20.	<b>Hensel IP66 Outdoor Termination Box DK0202G with PG Glands &amp; Accessories</b>					
		01	No.			
21.	<b>Celing Rose 3 Plate</b>					
		01	Meter			
22.	<b>Enamel Paint Black with Tarpin</b>					
		01	Lit.			
23	<b>Aluminum Paint</b>					
		01	Lit.			
24	<b>Copper Lugs 16 Sq.mm</b>					
		01	No.			
25	<b>LED High Bay Light 100 W</b>					
		01	No.			
26	<b>Extra Long Fan Rod up to 1500 MM</b>					
		01	No.			
27	<b>Fabricated fan clamp as per requirement</b>					
		01	No.			
28	<b>MCB SPN DB Double Door 12W - IP - 43</b>					
		01	No.			
29	<b>MCB DP 40A , 10kA</b>					
		01	No.			
30	<b>RCCB DP 40A , 100mA</b>					
		01	No.			
31	<b>MCB FP 40A , 10kA</b>					
		01	No.			
32	<b>PVC Modular Box 12 M</b>					
		01	No.			
33	<b>PVC Modular Box 18 M</b>					
		01	No.			
34	<b>Modular Sheet 12 M</b>					
		01	No.			
35	<b>Modular Sheet 18 M</b>					
		01	No.			
36	<b>Modular Switch 10A - 1M</b>					

		01	No.			
37	<b>Modular Switch 10A - 1M</b>					
		01	No.			
38	<b>Modular Fan Regulator - 1M</b>					
		01	No.			
39	<b>Celing Fan 4800MM Sweep</b>					
		01	No.			
40	<b>ASSEL Safe Electrode Earthing 393 HDG - 76MM Dia. x 3000MM with 2* BFC Electroditite</b>					
		01	No.			
41	<b>MS Fabricated Steel</b>					
		01	Kg			
42	<b>MS Nut &amp; Bolt</b>					
		01	Kg			
43	<b>FRP Junction Box GSJB 2014 with MCB Base Channel PG Glands with 1* MCB DP 10A + 1*RCCB 40A DP 100mA</b>					
		01	No.			
44	<b>FRP Junction Box GSJB 3020 with 100A 4P Connector</b>					
		01	No.			
45	<b>Main Control Distribution Box with 100A 4P MCCB 36KA with Digital Multifunction Meter , LT CT Resin Cast CL 1 with LED Indicator R, Y , B</b>					
		01	No.			
46	<b>Main Control Distribution Box with 125A 4P MCCB 36KA with Digital Multifunction Meter , LT CT Resin Cast CL 1 with LED Indicator R, Y , B</b>					
		01	No.			
47	<b>Lugs Aluminum / Copper , Glands , PVC Tape Roll , Cable Tie</b>					
		01	No.			
48	<b>Installation Charges for Safe Electrode Earthing</b>					
		01	Job			
49	<b>Installation of Led Street Light with Bend Pipe , Cabling &amp; Wiring Complete .</b>					
		01	Job			
50	<b>Installation Charges for Internal Electrical Installation</b>					
		01	Job			

Approved make list:-

S.NO	ITEM	APPROVED MAKES
1.	LT PANELS - INDOOR / OUTDOOR	ADLEC / LS POWER & CONTROL / TRICOLITE / AMBIT / AMEC GLOBAL INDIA PVT. LTD / LEGRAND – XL3 / SIEMENS – SIVACON / SCHNIEDER - PRISMA
2.	MCCB - MOULDED CASE CIRCUIT BREAKER THERMAL MAGNETIC / MICROPROCESSOR ICU=ICS=100%	SIEMENS ( 3VT ) , SCHNIEDER ( CVS ) , ABB – (XT)
3.	RESIN CAST LT CT – CL 1	MRM – PROCOM, POWERMAT , NEWTECH
4.	LED INDICATING LAMP	SALZER – L&T , SCHNIDER , SIEMENS , POWERMAT
5.	ILLUMINATED PUSH BUTTON	SALZER – L&T, ABB, SIEMENS , SCHNIEDER
6.	MINIATURE CIRCUIT BREAKER – MCB	SCHNIEDER, SIEMENS, ABB
7.	DIGITAL PANEL METER	SCHNIEDER, SIEMENS, ELMEASURE
8.	LT PANEL CONTROL WIRING	LAPP, BELDEN, HELUKABEL , KEI
9.	ALUMINIUM BUSBAR	HINDALCO / BALCO
10.	CT SHORTING TERMINAL, TERMINAL BLOCK	FTC, PHOENIX CONTACT, ELMEX, CONNECTWELL
11.	DOUBLE COMPRESSION BRASS GLANDS	ASCON, COMET, DOWELLS
12.	ALUMINIUM / COPPER LUGS	ASCON, COMET, DOWELLS
13.	TERMINAL BLOCK & CT SHORTING TRMINAL	FTC, ELMEX, CONNECTWELL , PHOENIX CONTACT
14.	LT CABLE ALLUMINIUM ARMORED	KEI , FINOLEX , HAVELLS
15.	HT CABLE ALLUMINIUM ARMORED	KEI , FINOLEX , HAVELLS
16.	COPPER CONTROL CABLE	KEI , FINOLEX , HAVELLS
17.	SAFE ELECTRODE EARTHING	ASHLOK , ABB , OBO BETTERMAN , CAPE
18.	HEAT SHRINKABLE LT / HT JOINTING KIT	RAYCHEM , 3M
19.	RED OXIDE PAINT & ALLUMINIUM PAINT	NEROLAC , BERGER , ASIAN PAINTS
20.	GI PIPE CLASS “B” HEAVY	JINDAL , TATA
21.	PVC FLEXIBLE FR/FRLS COPPER WIRE	KEI , HAVELLS , LAPP
22.	PVC CONDUIT PIPE & ACCESSORIES	POLYCAB , PRECISION , ANCHOR
23.	CELLING FAN	BAJAJ , HAVELLS , CROMPTON
24.	LED FLOOD LIGHT / HIGH BAY LIGHT	CROMPTON , PHILIPS , K-LITE
25.	OUTDOOR IP66 JUNCUTION BOXES	HENSEL , CAPE
26.	MODULAR SWITCH SOCKET & ACCESSORIES	SCHNIEDER ( LIVIA ) , HAVELLS ( CRABTREE ) , LEGRAND ( ARTEOR )
27.	FRP JUNCUTION BOXES	SINTEX , EPP , CAPE
28.	ELECTRICAL INSULATION MAT ISI 2MM / 3MM	DEEP JYOTI , ABB
29.	PVC PIPE ( 10 KG. PRESSURE )	SUPREME , FINOLEX , VECTUS , ASTRAL

Name:

Signature:

Date:

Seal & Signature of the Agency/Firm