



HOWRAH MUNICIPAL CORPORATION

4, MAHATMA GANDHI ROAD, HOWRAH - 711 101

Tel: (+91-33) 2638-3211-13; Fax: (+91-33) 2641-2613

I. T. Department

No. 037/IT/HOD/24-25

Date: 24-10-2024

NOTICE INVITING E-TENDER

E-Tender is invited by the OSD-IT, Assistant Engineer, HMC, for Supply, Installation and Commissioning of new LAN points at Engineering Department along with different dept., Annex Building of Head Office, Howrah Municipal Corporation from the reputed resourceful and bonafide Service provider / Agencies having experience at least 5 years in similar nature of work. Intending Tenderers will have to download the documents which are to be submitted online with digital signature along with valid G.S.T Certificate & Return (Current Quarter), P.T, I.T, Trade License, Credentials along with completion certificate of similar nature of work & fifty percent of work value in single order executed within last 5 (Five) years regarding their ability to execute the work.

Earnest Money and The Cost of Tender Papers to be deposited online as is available in E-Tender Portal of Govt. of West Bengal in favour of "MUNICIPAL AFFAIRS DEPARTMENT // URBAN LOCAL BODIES // HOWRAH MC"

Sl. No	Name of Work	Specification	Estimated Amount	Adm. Approval No.	Earnest Money	Cost of Tender Paper	Duration of contract period
1	Supply, Installation and Commissioning of 49 nos. new LAN points at Engineering Department along with different dept., Annex Building of Head Office, HMC	As stated below	₹1,57,424/-	COF/AA/23-24/611 Dated- 14/07/2023	₹3,149/-	₹1,000/-	45 Days

Sl. No.	Descriptions	Unit	Qty.
01	24 PORT GIGABITE SWITCH	No.	1
02	24 Port Cat6 Patch Panel Full Loaded	No.	1
03	8 PORT 10/100 MBPS SWITCH	No.	2
04	CAT 6 UTP CABLE	Mtr.	1430
05	CAT 6 I/O MODULE	No.	40
06	CAT 6 I/O FACE PLATE SINGLE	No.	40
07	LAN BACK BOX	No.	40
08	PVC CASING/CONDUIT PIPE & ACCESSORIES	Mtr.	400
09	CAT 6 PATCH CORD 1 mtr.	No.	40
10	CAT 6 PATCH CORD 2 mtr.	No.	40
11	CAT 6 UTP CABLE LAYING	Mtr.	1430
12	Rack dressing & I/O, Patch Panel, Switch installation including complete job.	Lot	1

Date and Time Schedule:

#	Particulars	Date & Time
1	Date of uploading of N.I.T. & other Documents (online)	28.10.2024 5:00 PM
2	Documents download/sell start date (Online)	28.10.2024 6:00 PM
3	Bid submission start date (On line)	28.10.2024 6:00 PM
4	Document Download/Sell End Date	12.11.2024 6:00 PM
5	Bid Submission closing date(On line)	12.11.2024 6:00 PM
6	Date of uploading list for Technically Qualified Bidder(online)	16.11.2024 12:00 PM
7	Date for opening of Financial Proposal (Online)	ANY WORKING DAY



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- ❖ The Bidder must have been in the business of IT & IT enabled services for the past 5 years to the Govt. Department.
- ❖ The bidder should have a Physically Verifiable & Full-fledged functional Office premise within Kolkata / KMDA Area.
- ❖ The bidder should have a valid West Bengal Registered GST Number. If it doesn't have a valid West Bengal Registered GST Number, it should give an undertaking to obtain it within 15 days of signing the contract after winning the Tender.
- ❖ The bidder should have an Average Annual Turnover of ₹5 Lakhs or above in the last three Financial Year.
- ❖ The bidders must submitted tender specific Manufacturer Authorisation Certificate by the OEM. Certificate needs to be provided.
- ❖ Technical support and warranty of devices used for the network can be obtained from maintenance provider and OEMs respectively.
- ❖ Bidder should furnish all valid statutory documents as listed below (Original Certificates are to be produced for verification, if required):
 - GST registration including documents of submitted return.
 - A declaration should be submitted by the bidder stating that he/she/they is/are not barred/delisted/blacklisted by any Departments/Ministries of Government of West Bengal or Government of India or Public Sector Undertakings within Five (05) years.
 - Last 3 years audited balance sheet (2020-21, 2021-22 & 2022-23)
 - EMD & Tender Cost. Supportive documents need to be submitted.
 - Joint Venture/Consortium will not be allowed.
 - Sub-contracting will not be allowed.
 - In the absence of any of the above, the bid will be treated as non-responsive and summarily rejected.

Intending participants are requested to visit the SITE on any working days prior to submitting BID by contacting OSD-IT, Assistant Engineer, Howrah Municipal Corporation, 4, M.G. Road, Howrah-711101 (Phone No- 033 2638 3211/12/13) Ext. No- 283.

The Bidder, at his own responsibility and risk is encouraged to visit and examine the site of works and its Surroundings and obtain all information that may be necessary for preparing the Bid and entering into a contract for the work as mentioned in the Notice Inviting Tender, before submitting offer with full satisfaction, the cost of visiting the site shall be at his own expense.

During the scrutiny, if it come to the notice to tender inviting authority that the credential or any other paper found incorrect/ manufactured/ fabricated, that bidder would not allowed to participate in the tender and that application will be out rightly rejected without any prejudice.

Before issuance of the WORK ORDER, the tender inviting authority may verify the credential and other documents of the lowest tenderer if found necessary. After verification if it is found that the documents submitted by the lowest tenderer is either manufactured or false in that case work order will not be issued in favour of the said Tenderer under any circumstances.

Corporation reserve the right to accept or reject part or whole tender without showing any reason what so ever. Details information may be had from the office of the Executive Engineer, H.M.C.

1. Intending bidder may download the tender document from the website <https://wbtenders.gov.in> directly with the help of Digital Signature Certificate.



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2. Tenderers will select the tender to bid and initiate payment of pre-defined EMD/Tender Fees for that tender by selecting from either of the following payments modes:
- Net Banking (any of the banks listed in the ICICI Bank payment gateway) in case of payment through ICICI Bank payment Gateway;
 - RTGS/NEFT in case of offline payment through bank account in any Bank.

OSD

OSD (IT)

Howrah Municipal Corporation

Memo No. 037/1-9/8/IT/HOD/24-25

Dated: 24-10-2024

Copy Forwarded to:

1. Commissioner, HMC.
2. Dy. Commissioner - II, HMC.
3. Controller of finance, HMC.
4. Chief Auditor, HMC.
5. Secretary, HMC - with a request for publication in newspaper.
6. Resident Audit Officer, HMC.
7. Notice Board, HMC Central Office.
8. HMC Website.
9. Office Copy.

OSD

OSD (IT)

Howrah Municipal Corporation

Specifications for Passive Materilas (UTP & Fiber)

OEM Eligibility Criteria

Requirement	Compliance (Yes/No)
All components shall be ROHS compliant. All Components should be from single OEM.	
OEM shall be ISO 9001 and 14001 certified. Copy of Valid Certificate submitted	
The OEM should be member of Telecommunication Industry Association.	
Passive OEM should be in India for more than 30 years.	
Tender specific authorization letter should be submitted along with bid.	

CAT6 U/UTP Patch Cord

#	Feature	Requirement	Compliance	Remarks, if any
1	Type	Cat 6 U/UTP Patch Cords are key components of Cat 6 U/UTP End-to-End Solution and are designed to support data networks for 10/100BASE-T and 1000BASE-T applications. It should be available in 8 different colors.		
2	Conductor	24 AWG stranded copper wire		
3	Length	1 Mtr, 2 Meters		
4	RJ45 plug and boot material	Clear polycarbonate		
5	Outer Sheath	LS0H		
6	RJ45 plug dimensions compliant with	ISO/IEC 60603-7-4 and FCC 47 Part 68		
7	Contact material	0.35mm thick copper alloy		
8	MIN operating life	750 insertion cycles		
9	Sheath Material	LSZH		
10	ROHS/ELV	Compliant		

24 port CAT6 Patch Panel

#	Feature	Requirement	Compliance	Remarks, if any
1	Type	19" 24-port, loaded with Jack , A key product used in both Category 6 link and channel gigabit ethernet applications. The IDC section consists of V-shaped contacts that flex not fatigue when terminated. Each port should have shutter and can be colour coded to match jack outlets. Offering both front and rear labelling options, the patch panel is constructed of cold-rolled steel for additional strength and durability.		
2	Ports	24		
3	Plastic Housing Jack Connector	Polycarbonate, UL94V-0 rated or equivalent		
4	Contact Plating	50μ" Gold/100μ" Nickel		
5	Front Connector interface	RJ45		
6	Circuit Identification Scheme	Icons on each of 24-ports		
7	Port Identification	9mm or 12mm Labels on each of 24-ports (to be included in supply)		
8	Height 1 U	(1.75 inches)		
9	ROHS/ELV	Compliant		

CAT6 Information Outlet				
#	Feature	Requirement	Compliance	Remarks, if any
1	Type	Cat 6 Jack is designed to maintain clean secure connections. PCB based Information outlet design type/technology which protects it from dust and containments. Should have integrated bend limiting and strain relief unit for cable entry.		
2	Wire terminal	200 termination cycles		
3	Modular Jack	750 mating cycles		
4	Plastic Housing	Polycarbonate, UL94V-0 rated or equivalent		
5	IDC Contact Plating	Tin/Lead Plate		
6	Faceplate	Square Plate with 1/2/4 port. 86 x 86 mm		
7	ROHS/ELV	Compliant		

CAT6 UTP Cable LSZH				
#	Feature	Requirement	Compliance	Remarks, if any
1	Type	Category 6 Unshielded Twisted Pair 4 pair cable shall be compliant with ANSI/TIA/EIA-568C.2. Additional Transmission Performance Specifications for 4-pair Category 6 Cabling.		
a)	Type	Category 6 UTP cables shall extend between the work area location and its associated telecommunications closet and consist of 4 pair, 23 AWG, UTP.		
b)		Supports ultrahigh speed data networks such as Gigabit Ethernet (1000 Base-T and 1000 Base-TX) and beyond.		
2	Jacket:	The cable jacket shall be LSZH and LSZH sheath should Complying to: a. Fire rating IEC 60332-1, b. Acid gas IEC 60754-2 c. Smoke density IEC 61034-2		
3		Incorporates central spine maintaining pair separation during installation to ensure premium performance after installation.		
4	Mechanical Characteristics	Construction: 4 twisted pairs separated by internal X shaped, 4 channel, polymer spine / full separator. Half shall not be accepted. Conductor Solid Copper Conductor Diameter 0.56±0.005mm (23 AWG) Insulator Polyolefin Outer Diameter 6.0±0.4mm Max. Temperature 70°C		
5	ROHS/ELV	Compliant		
6	ETL Test Report @700 MHz	Cable should have test by ETL / Intertek @700 MHz and test report should be subbmitted.		

Face Plate				
#	Feature	Requirement	Compliance	Remarks
1	Feature	Single Gang square plate, 86mmx86mm, Port - Single / Dual / Quad as per req.		
		Write on labels in transparent plastic window – supplied with plate		
		Screw hole covers – to be supplied with plate		
		Plug in Icons – Icon tree – to be supplied with plate		
		Should be able to support variety of jacks – UTP, STP, Fiber, Coax etc.		