ಭಾರತೀಯ ತಂತ್ರ ಜ್ಞಾನ ಸಂಸ್ಥೆ
भारतीय प्रौद्योगिकी संस्थान
Indian Institute of Technology Dharwad
Permanent Campus (PC), Chikkamalligawad
Dharwad – 580 011, Karnataka

IITDh/IPS/2026-27/LPC/85
24th June 2026

Invitation for Quotation

Name of the Work: power sockets at A2- 15 for GS-MS and AAS System

Location: Permanent Campus IIT Dharwad

With reference to the aforementioned work, quotations are hereby invited for the said work. Interested vendors with experience in said works can submit their quotes (*as per Annexure-I*) on their official letterhead, duly attested, **in a sealed envelope via post / courier** to the following address:

To,
IPS Office (NE-113),
First Floor Admin Block,
Indian Institute of Technology Dharwad,
Permanent Campus, Chikmalligwad.
Dharwad-580011.

Revised Deadline for submission: 1st July 2026 up to 1300 hours

NOTE:

- **Any quotes received after 1300 hours on** 1st July 2026 **will not be accepted.**
- **Name of the Work / LPC number and Firm name should be mandatorily written on the sealed cover.**

Sd/-
Executive Engineer
Indian Institute of Technology Dharwad

Annexure -1

Name of the Work: Electrical work for providing power sockets A2 -015 GC-MC & AAS System					
Sr. No.	**Description of Items**	**UoM**	**Rate per UoM (Rs.)**	**Quantity**	**Amount (in Rs.)**
1	Supplying and drawing following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
1.1	3 x 4 sq. mm	Mtr		14.00	
1.2	3 x 6 sq. mm	Mtr		16.00	
1.3	4 x 4 sq. mm	Mtr		15.00	
2	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
2.1	6 way , Double door	Mtr		2.00	
3	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
3.1	5/6 amps switch	each		6.00	
3.2	3 pin 5/6 A socket outlet	each		6.00	
3.3	15/16 A switch	each		5.00	
3.4	6 pin 15/16 A socket outlet	each		5.00	
4	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				
4.1	3 module	each		1.00	
4.2	6 module	each		5.00	

5	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with duegroove cutting in Brick/C.Cwall,including necessary rawl plugs,Machine/NF screws etc., complete.				
5.1	3 Way	each		1.00	
5.2	6 Way	each		5.00	
6	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve ,indicator ON/OFF,energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC60898.				
6.1	Single pole 16A	each		6.00	
6.2	32 A TPN	each		1.00	
7	Supplying & fixing chemical earthling for grounding. Conduits, IC cut-outs&otherequipments backfill compound which is noncorrosive,thermally conductive,potential to permissible limits,superi or Fault conduction capacity, nontoxic, weather resistance&capable of achieving ohmic value less than one ohm				
7.1	Using 10ft. Copper bonded rod with backfill compound	each		1.00	
8	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections, etc., as required.	Mtr		8.00	
9	Supplying and fixing 30 /32A, 415 V, TPN Industrial typesocket outlet, with 4 pole and earth(5 Pin), metal enclosedplug top along with 32 A "C" curve, TPMCB, in sheetsteel enclosure, on surface or in recess, with chainedmetal cover for the socket out let and complete withconnections, testing and commissioning etc. asrequired.	each		1.00	
	Subtotal				
	GST				
	Total				

(**Contractors Sign and Seal)**

Standard Operating Procedures:

Procedures for Execution of Work, Billing, and Grievance Redressal

This document outlines the standard procedures to be followed by contractors after the award of work, including execution protocols, billing processes, and grievance redressal mechanisms.

1. **Procedure on Post Award of Work:**
   a) The Contractor shall initially contact the Indenter to obtain a clear understanding of the scope of work and site conditions. The contact details of the Indenter will be provided in the email of work order issuance.
   b) In case of any deviation from the approved scope of work, the Contractor shall submit a written communication via email to **ips.works@iitdh.ac.in**, with a copy marked to the Engineer-in-Charge and **aee.ips@iitdh.ac.in**, clearly detailing the deviation.
   c) If there is no deviation from the approved scope, the Contractor may commence execution of the work.
   d) For any technical queries or clarifications, the Contractor may contact the concerned Engineer-in-charge for necessary guidance and resolution.
2. **Material Inspection cum Receipt form:**
   a) Upon mobilization of materials to the site, the Contractor shall obtain signatures from the Indenter, Engineer-in-Charge, and Assistant Executive Engineer (AEE) confirming compliance with the approved make list.
   b) The prescribed format for this purpose is enclosed as **Form-1**.
   c) Where applicable, the Contractor shall provide the Material Test Certificate (MTC) for relevant materials at no additional cost to the Institute.
3. **Milestones:**
   a) After completion of 30% of Work the contractor has to call for Inspection from Indenter, Engineer in Charge for the work along with AEE and jointly record the inspection report.
   b) After completion of 60% of Work the contractor has to call for Inspection for the Vendor and Engineer in Charge for the work along with AEE and jointly record the inspection report.
   c) After completion of 100% of Work the contractor has to call for Inspection for the Vendor and Engineer in Charge for the work along with AEE and jointly record the inspection report.
   d) A minimum of 04 photographs has to be attached by the Contractor for billing of every stage milestone. (30%, 60% & 100%)
4. **Completion of Work:**
   a) Upon completion of the work, the Contractor shall inform the Indenter and arrange for a joint inspection of the Measurement Sheet. The Indenter and Contractor shall jointly verify and sign the Measurement Sheet.
   b) After verification report issued by the Indenter, the Measurement Sheet shall be submitted to the Engineer-in-Charge and AEE for further verification.
   c) After the Verification Report is duly signed by the Indenter, the Contractor shall submit the signed Verification Report, original invoice, abstract, photographs and Measurement Sheet to the concerned office.
   d) All invoices must be submitted exclusively through **ips.bills@iitdh.ac.in**. All further communication related to billing shall be conducted strictly through this email channel. No other mode of communication shall be entertained.
5. **Completion Certificate with dates:**
   a) Upon completion of the work, the Contractor shall obtain signatures from the Indenter, Engineer-in-Charge, and AEE on **Form-2** as a Completion Certificate, clearly indicating the date of completion.
   b) While submission of bills to this office the Contractor must fill in the checklist attached as Form 3.
6. **5% of the invoice amount** is deducted from the payment as Retention amount and will be paid back to the vendor after the Defect liability period of 6 months.

Note: Strict adherence to this Standard Operating Procedure is mandatory for all Contractors.

Form 1

Material Inspection Report

Name of the Work:
Indent Number:
Name of the Contractor:
Location of Work:

S. No	Material Description	Make of the Material	Remarks

Indenter Contractor Engineer-in-Charge AEE

Form 2

Completion Certificate

Name of the Work:
Indent Number:
Name of the Contractor:
Location of Work:

S. no	Description	Dates	Remarks
1	Date of Material Mobilization		
2	Date of Start of Work		
3	Date of 1st Milestone Approximately 30% completion inspection		
4	Date of 2nd Milestone Approximately 60% completion inspection		
5	Date of 3rd Milestone Approximately 100% completion inspection		
6	Date of Completion of Work		
7	Date of Joint Measurement with Indenter & Contractor		
8	Date of Joint Measurement with Engineer-in-Charge and AEE		
9	Date of Bill Submission by Contractor to IPS Office		

Indenter Contractor Engineer-in-Charge AEE

Form 3

Checklist for Submission of bill

Name of the Work:
Name of the Contractor:
Location of Work:
Tender id:

S. no	Description	YES / NO
1	Material Inspection Report – Form 1	
2	Completion Certificate – Form 2	
3	Measurement Sheet	
4	Abstract	
5	Invoice	
6	Verification Report	
7	Representative Photographs at each milestone	
8	Other Documents (if any)	

Sign and Seal of the Contractor

Electrical Make list		
Sl.No	**ITEM**	**MAKES**
1	PVC CONDUITS AND ACCESSORIES (ISI MARKED)	AKG / PRECISION / MODI/ GM/SUDHAKAR/PRINCE
2	M.S. CONDUIT AND ACCESSORIES (ISI MARKED)	BEC/AKG/ NIC/STEEL CRAFT/ RM CON/ BHARAT/ GUPTA
3	PVC INSULATED FRLS COPPER CONDUCTOR CABLES 1.1 KV GRADE (ISI MARKED)	FINOLEX/ HAVELLS/KEI/L&T/POLYCAB
4	MODULAR PLATE TYPE SWITCH / SOCKET GI BOXES / FAN REGULATOR//TELEPHONE SOCKET	SCHNEIDER (ZENCELO) / LEGRAND (ARTEOR) /HAVELLS (CRAB TREE MURANO) / L&T (ENGLAZE)
5	MCB / ISOLATOR / RCCB / RCBO / ELCB / MODULAR TYPE BELL MCB DB'S / DB's (SHALL BE OF SAME MAKE OF MCB, ELCB, RCBO, & RCCB).	LEGRAND / SCHNEIDER ELECTRIC / L&T/ SIEMENS/HAVELLS/ABB
6	LUMINAIRES / LIGHT FITTINGS	PHILIPS / WIPRO / CROMPTON GREAVES/ BAJAJ/PANASONIC
7	CEILING FAN / EXHAUST FAN	HAVELLS / CROMPTON GREAVES / USHA /BAJAJ /ORIENT/ATOMBERG
8	1.1 KV XLPE CABLE (ISI MARKED)	FINOLEX/ HAVELLS / KEI/POLYCAB/L&T
9	OCCUPANCY SENSOR	PHILIPS / WIPRO / CROMPTON GREAVES / HONEY WELL/LEGRAND/ SCHNEIDER
10	LT PANEL COMPLETELY BOLTED SYSTEM MODULAR DESIGN ELECTRICAL PANEL (TOTALLY TYPE TESTED AS PER IEC 61439-1)	KARNATAKA POWER DISTRIBUTION COMPANY APPROVED MAKE (PLEASE PROVIDE THE CERTIFICATE)
11	MCCBS	LEGRAND / L&T / SCHNEIDER / SIEMENS
12	CURRENT TRANSFORMERS & POTENTIAL TRANSFORMER	AUTOMATIC ELECTRIC/ KAPPA/ L&T/ NEPTUNE
13	DIGITAL INDICATING MEASURING INSTRUMENTS /MULTIFUNCTION METERS	L&T (QUASER)/ SCHNEIDER (CONZERV) / SECURE/ELMEASURE
14	SELECTOR SWITCH	L&T/ KAYCEE/ SIEMENS
15	INDICATION LAMP & PUSH BUTTON	BCH/ L&T/SIEMENS/ SCHNEIDER

16	DIGITAL ENERGY METER	L & T / CONZERV/ SECURE / ELMEASURE /SCHNEIDER
17	APFC RELAYS	L&T / SIEMENS / SCHNEIDER / NEPTUNE (DUCATI)/ CPRI APPROVED MAKES
18	BUS TRUNKING, RISING MAIN & TAP-OFF BOX	LEGRAND/ L&T/ SCHNEIDER/ C & S / ABB
19	CABLE TRAYS & ACCESSORIES	LEGRAND / SLOTTCO / PROFAB / RAMCON
20	CAPACITOR(ISI MARKED)	EPCOS/ NEPTUNE/ SIEMENS/ L&T
21	CABLE GLAND/ LUGS/ THIMBLES	COMMET/ DOWELLS/ RAYCHEM/ GRIPWELL
22	OCTAGONAL STEEL POLE	BAJAJ / CROMPTON GREEVES /VOLMONT /UTHKARSH
23	LED STREET LIGHT FITTINGS	PHILIPS / CROMPTON GREAVES / WIPRO /BAJAJ
24	WATER SUPPLY PUMP SETS	KIRLOSKAR/ TEXMO/ CRI/ KSB/ CROMPTON
25	G.I. PIPES	TATA/ JINDAL/ ZENITH
26	GM VALVES (ISI MARKED)	LEADER/ ZOLOTO/ DEEPAK
27	LOOP-IN, LOOP-OUT STREET LIGHT BOXES	HENSEL/ SUPREME/ DEVI POLYMERS SONTAY/ SPELSBERG
28	HIGH VOLUME LOW SPEED FANS	KELLEY/ BHARAT BRAYAN /MACRO AIR
29	DWC /HDPE PIPE	SUPREME/ REX/ ASHIRVAD
30	RACEWAY	LEGRAND/MK/SCHEIDER/OBO/AKG /JSW
31	CHEMICAL EARTHING	JEFECOSAFE/ERICO/TERECPLUS
32	ANNUNCIATION PANEL	CROMPTON/AREVA/SIEMENS/KIRLOSKAR
33	TERMINAL BLOCK	BCH/INDUSTRIAL CONTROL/JAISON
34	MV CONTACTOR/TIMER/STARTERS	L&T/SIEMENS/SCHNEIDER/LEGRAND
35	PROTECTION RELAY	AREVA/SIEMENS/L&T/CG/ALSTOM/ SCHNEIDER
36	kWh METER (ELECTONIC DIGITAL TYPE)/MFM/AMMETER/VOLTMETER	L&T/SECURE/CAPITAL/CONZERV/KARNATAKA POWER DISTRIBUTION COMPANY APPROVED MAKE (PLEASE PROVIDE THE CERTIFICATE)
37	PVC MODULAR / DLP TRUNCKING	LEGRAND/MK/SCHEIDER/OBO
38	UPS SYSTEM	APC/SIEMENS/VERTIV/LEGRAND
39	INDUTRIAL SOCKET	LEGRAND/SCHNEIDER/L&T/SIEMENS

Note:

1. Unless otherwise specified, the brand/make of the material as specified in the item nomenclature or in the particular specifications or in the list of preferred makes in the bid, shall be used in the work
2. Engineer in Charge reserves the right to Add/Delete any material makes in the list of preferred makes.