

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
ISRO PROPULSION COMPLEX (IPRC)
MAHENDRAGIRI**

**Tender for Sporadic work outsourcing package for Instrumentation
activities of ETIG**

Bids to be submitted online

Tender No.: IPRC/PURGP3/IP202400149701 dated 01-01-2025

A. Tender Details

Tender No : **IPRC/PURGP3/IP202400149701**

Tender Date : **01-01-2025**

Tender Classification: **WORKS**

Purchase Entity : **PURGP3**

Centre : **ISRO PROPULSION COMPLEX (IPRC)**

Sporadic work outsourcing package for Instrumentation activities of ETIG

For any clarifications regarding this tender, your query should be sent to psogroup3@iprc.gov.in
Ph:04637-281554 clearly mentioning the tender number, within the time period specified in the tender.

PLEASE NOTE THE FOLLOWING WHILE SUBMITTING YOUR OFFER:-

X-----X

- 1). Last minute clarification on tenders will not be entertained.
- 2). This is an E Tender. Hence Postal/Fax/Email tenders will not be accepted. Offer shall be submitted through our E-procurement portal.
- 3). Before submission of bid, the bidder should study all the terms and conditions mentioned in the tender document along with the files attached with the tender.
- 4). MSE Purchase preference is will be given to MSEs who is registered under Udyam Registration and on production of Udyam Registration Certificate. MSE Purchase preference will not be applicable to Retail and Wholesale traders.

A.1 Tender Schedule

Bid Submission Start Date : **01-01-2025 18:00**

Bid Clarification Due Date : **15-01-2025 14:00**

Bid Submission Due Date : **22-01-2025 14:00**

Bid Opening Date : **22-01-2025 14:01**

B. Tender Attachments

Technical Write-up/Drawings

Document : Details of work

Document : Scope of work

Document : Item specification

Document : Instructions

Document : Terms and conditions

Instructions To Vendors

6. General Instructions

1. Last minute clarification on tenders will not be entertained.
2. This is an E Tender. Hence Postal/Fax/Email tenders will not be accepted.
3. If a vendor is not able to submit bid against this tender due to any reason, such vendor is requested to post their REGRET message in the e-procurement portal with clear reasons or email to psogroup3@iprc.gov.in. Non submission of bids without regrets will be viewed seriously.
4. IPRC reserves the right to split the tendered quantity in part or whole on its sole discretion without assigning any reason.
5. IPRC has the right to cancel the tender without assigning any reason etc.
6. If any vendor submits forged / false documents along with the tender, offer of such vendors will be summarily rejected and such bidders will be blacklisted for all future tenders.
7. Option Clause:-The purchaser reserves the right to increase/decrease the ordered quantity by up to 25-30 percent at any time, till final delivery date (or the extended delivery date of the contract), by giving reasonable notice even though the quantity ordered initially has been supplied in full before the last date of the delivery period (or the extended delivery period)
8. In cases where the manufacturer has submitted the bid, the bids of its authorised dealer will not be

considered.

9. Conflict of Interest among Bidders/ Agents:-

The bidder/s who found to have a conflict of interest shall be disqualified from the tendering process. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if:

- (a). they have controlling partner (s) in common; or
- (b). they receive or have received any direct or indirect subsidy/ financial stake from any of them; or
- (c). they have the same legal representative/agent for purposes of this bid; or
- (d). they have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder; or
- (e). Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/ sub-assembly/ Assemblies from one bidding manufacturer in more than one bid.
- (f). In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorise only one agent/dealer. There can be only one bid from the following:
 - (i). The principal manufacturer directly or through one Indian agent on his behalf; and
 - (ii). Indian/foreign agent on behalf of only one principal.
- (g). In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/ common business/ management units in same/ similar line of business.

7. TERMS AND CONDITIONS

1. GST @ 18% shall be paid extra on submission of GST Invoice.
2. We reserve the right to cancel this work order with or without assigning any reasons thereof.
3. The contractor should carry out the works as per instruction given by our Engineers / Superiors.
4. The work should be carried out without any damages to our property/equipment due to the negligence of your employees. The responsibility shall be solely rest with you and damages occurred with the recovered from you.
5. The rates shall be firm and fixed till completion of entire quantum of job.
6. All Department tools / materials given to you shall be kept under safe custody and returned to us on completion of the work.

7. Materials, Tools and consumables brought inside IPRC should be entered in the Register at the security gate and IPRC Stores.
8. No facilities for transport, Canteen, Safety of the personal, medical, lodging and other amenities will be provided by us to your technicians and you shall make your own arrangements for the same.
9. You should engage qualified Indian Nationals for execution of the work.
10. Your personnel shall work on required working days or beyond working hours holidays, if required. An Engineer In charge will be identified as focal point for operation of this contract. The focal point will be responsible for intimating the work load prevailing time to time, monitoring the work execution and certification of bills for work executed. Payment will be made as per the actual quantum of work executed and certified.
11. The Contractor should report to the Focal point at 9.00 AM and evening at 5.00 PM on required working days.
12. You and your personnel shall adhere to all our safety regulations and all statutory requirements as directed by us. We shall not be responsible for any injury or losses to the contract personnel caused at our site. You shall be responsible for any loss or damage to Department property due to the negligence of your personnel.
13. You shall observe security regulations of our organization, any loss or damage incurred to us on account of your failure if any to observe the security regulations shall be to your account.
14. Sub contracting shall not be permitted.
15. Your engaged manpower should be insured as per department rules. Comprehensive insurance policy to the workers/ human resources for the Sum assured as follows: (i) In the event of death or permanent disablement/ disability resulting from loss of limbs - Rs. 10.00 Lakh (ii) In the event of other permanent disablement/ disability - Rs. 7.00 Lakh.

8. INSURANCE TO WORKERS

1. The Vendor shall arrange for a comprehensive insurance policy to all their workers/ human resources for the Sum assured as follows:
2. (i) In the event of death or permanent disablement/ disability resulting from loss of limbs - Rs. 10.00 Lakh
(ii) In the event of other permanent disablement/ disability - Rs. 7.00 Lakh

3. The number of workers covered under the insurance shall be as per the scope defined in the Purchase order. The Vendor, at their expense, shall arrange insurance policy from any Insurance company as approved of by Insurance Regulatory and Development Authority (IRDA) to all their workers as above within 15 days from the date of Purchase order. The Purchaser will not be obliged/ liable to pay or reimburse any premium or expenditure incurred by the Vendor on this account.

4. In case of substitution of any worker, the substituted worker shall also have insurance coverage. The Purchaser will not be obliged/ liable to pay or reimburse any premium or expenditure incurred by the Vendor on this account.

5. In case of death of or permanent disablement/disability to any worker while at work inside the Purchasers premise, the Purchaser will disburse compensation equal to the aforementioned Sum assured to the dependent of the victim (in case of death) or the victim directly (in case of permanent disablement/ disability) duly observing the procedure. The Vendor shall make necessary arrangements to refund the above compensation amount to the Purchaser (i) within 2 weeks from the date of settlement of claim by the Insurance company or (ii) within 3 months from the date of disbursement of compensation amount by the Purchaser to the victim or dependent of victim or (iii) 1 week before expiry of validity period of the Purchase order, whichever is earlier. In case of any delay in refunding the compensation amount as aforesaid, the Purchaser shall have the right to recover the compensation amount from the payment(s) due to the Vendor or Security deposit(s) submitted by the Vendor either under the subject Purchase order or any other Purchase order(s)/ Work order(s)/ Contract(s) awarded by the Purchaser to the Vendor. It is onus on the part of the Vendor to get settlement of compensation claim from the Insurance company upon due procedure.

6. Some of the key terminologies involved are defined below:

7. Accident: Any death or permanent disablement/ disability resulting solely and directly from any unintended and unforeseen injurious occurrence caused during the maintenance, operations and other supporting/ outsourced services rendered by the Vendors/ Service Providers [Private Companies, Firms & Contractors] engaged by the Purchaser within the premises of its work-site.

8. Dependent: As defined in the Employees Compensation Act, 1923

9. Victim: Any person who suffers permanent disablement/ disability or dies in an accident that occurred within the premises of the Purchasers work-site and during the discharge of duties, as defined in these Guidelines.

10. Permanent Disablement/ disability: A disablement/ disability that is classified as a permanent total disablement/ disability under the proviso to Section 2(l) of the Employees Compensation Act, 1923.

9. GeM Seller ID

1. GeM Seller Registration: All vendors shall register themselves in GeM Portal (gem.gov.in) and provide GeM Seller unique ID in the tender documents, as this ID is mandatory for award of contract.

C. Bid Templates

C.1 Technical Bid - Sporadic work outsourcing package for Instrumentation activities of ETIG

- 1. Work Contract Technical reports & Specifications typing, editing and formatting works**
- 2. Work Contract Preparation of wiring diagrams, block diagrams and schematic diagrams**
- 3. Work Contract Inward inspection of major electronic equipments & tools**
- 4. Work Contract Inward inspection of sensors**
- 5. Work Contract Inward inspection of signal conditioners & DAS**
- 6. Work Contract Stock entry, maintenance and verification of instrumentation items**
- 7. Work Contract Filing and Maintenance of calibration charts of sensors, test and measuring equipments**
- 8. Work Contract Filing and Maintenance of test facility documents**
- 9. Work Contract Filing and Maintenance of ISO documents**
- 10. Work Contract Maintenance of instrumentation system database which includes tags, equipment serial no, rack no, I/O card details etc**
- 11. Work Contract Maintenance of spare availability list for all instrumentation equipments**
- 12. Work Contract Functional checking of electronic equipments**
- 13. Work Contract Functional checking of sensors, transmitters and other field devices**

- 14. Work Contract Functional checking of signal conditioners & DAS**
- 15. Work Contract Continuity and insulation resistance checking of cables**
- 16. Work Contract Continuity checking between all termination points in instrumentation rack**
- 17. Work Contract Continuity checking and cable colour code verification between all termination points in field junction boxes, SOVs and transmitters**
- 18. Work Contract Continuity checking and colour code verification of inter rack interface cables**
- 19. Work Contract Checking and verification of ferruling details of wired instrumentation racks**
- 20. Work Contract 2 core/4 core cable laying and wiring works**
- 21. Work Contract Equipment mounting and wiring works**
- 22. Work Contract Testing of E/P valves**
- 23. Work Contract Testing of Control valves**
- 24. Work Contract Testing of Test Article Pressure Measurements**
- 25. Work Contract Testing of Test Article Temperature Sensor Measurements**
- 26. Work Contract Testing of Test Article Vibration Measurements**
- 27. Work Contract Testing of Facility Pressure transmitters measurements**
- 28. Work Contract Testing of Facility Temperature measurements**

29. Work Contract Testing of Facility Flow/speed measurements

30. Work Contract Verification and validation of auto & abort sequence software with hardware by electrical simulation

31. Work Contract Generation of process and monitoring mimics

32. Work Contract Control system Parameters logging and processing

33. Work Contract Facility Data acquisition logging & processing

34. Work Contract Test article Data acquisition logging & processing

35. Work Contract Digital Data acquisition logging & processing

36. Work Contract High speed Data acquisition logging & processing

37. Work Contract T&E sheets generation

38. Work Contract CD backup for raw data and processed files

Supporting Documents required from Vendor

1. Your Quotation in PDF format with detailed Price split up and terms & conditions

2. MSME UDYAM Registration certificate

3. Copy of Income Tax Return acknowledgement or relevant document evidencing the status of the bidder for the AY Year 2024-2025

4. GST Registration document

5. EPF Registration document

6. ESI Registration document

7. Any other documents

5 additional documents can be uploaded by the vendor

C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	Foreign vendors & Non Local suppliers are not permitted to quote. Note and Confirm.	Yes / No / Explain	
2	Please read "INSURANCE TO WORKERS" Clause mentioned in this tender. You, at your expense, shall arrange insurance policy from any Insurance company as approved of by Insurance Regulatory and Development Authority (IRDA) to all your workers employed vide this proposed contract, within 15 days from the date of Purchase order. The Purchaser will not be obliged/ liable to pay or reimburse any premium or expenditure incurred by you on this account. Note and confirm acceptance.	Yes / No / Explain	
3	Taxes and other costs (Specify).	Yes / No / Explain	
4	Security Deposit:- As per Annexure-1, Clause No.4.3. Note and Confirm.	Yes / No / Explain	
5	Delivery Terms: On Site Work @IPRC. Note and Confirm.	Yes / No / Explain	
6	Period of Contract:-The proposed order shall be valid for a period of 2 years from 01/04/2025. Details as per As per Annexure-1, Clause No.3. Note and Confirm.	Yes / No / Explain	
7	Liquidated Damages/Down Time Compensation: As per Annexure-1, Clause No.7. Note and Confirm.	Yes / No / Explain	
8	Payment Terms: As per Tender Document Annexure-I, Clause No.4.4. Confirm your acceptance.	Yes / No / Explain	
9	Note: If the Order is awarded on you, you shall immediately upon receipt of the Work order from us, shall obtain all necessary Labour license from the Labour Department and the same shall be valid during the period of the Work order. A copy of the same shall be submitted to us for our records. Strict Compliance required. Note and Confirm.	Yes / No / Explain	
10	Your GST Registration Number	Yes / No / Explain	

11	Your ESI Registration Number	Yes / No / Explain	
12	Confirm MSME or not. If applicable provide UDYAM REGISTRATION certificate along with the offer.	Yes / No / Explain	
13	PO Ordering Address with Name and Contact Details of Sales Person concerned (e-mail and phone number).	Yes / No / Explain	
14	Offer Validity: 90 Days from the date of Tender opening.	Yes / No / Explain	
15	Your quotation in PDF format with Detailed Terms and Conditions duly Signed and Stamped shall be prepared and uploaded along with your offer. Confirm.	Yes / No / Explain	
16	Any other terms	Yes / No / Explain	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	Work Contract Technical reports & Specifications typing, editing and formatting works	5000.00 Page		-		
2	Work Contract Preparation of wiring diagrams, block diagrams and schematic diagrams	1000.00 Page		-		
3	Work Contract Inward inspection of major electronic equipments & tools	1000.00 Nos.		-		
4	Work Contract Inward inspection of sensors	500.00 Nos.		-		

5	Work Contract Inward inspection of signal conditioners & DAS	600.00 Nos.		-		
6	Work Contract Stock entry, maintenance and verification of instrumentation items	600.00 Nos.		-		
7	Work Contract Filing and Maintenance of calibration charts of sensors, test and measuring equipments	1000.00 Nos.		-		
8	Work Contract Filing and Maintenance of test facility documents	1000.00 Nos.		-		
9	Work Contract Filing and Maintenance of ISO documents	400.00 Nos.		-		
10	Work Contract Maintenance of instrumentation system database which includes tags, equipment serial no, rack no, I/O card details etc	500.00 Nos.		-		
11	Work Contract Maintenance of spare availability list for all instrumentation equipments	200.00 Nos.		-		

12	Work Contract Functional checking of electronic equipments	200.00 Nos.		-		
13	Work Contract Functional checking of sensors, transmitters and other field devices	800.00 Nos.		-		
14	Work Contract Functional checking of signal conditioners & DAS	500.00 Nos.		-		
15	Work Contract Continuity and insulation resistance checking of cables	500.00 Nos.		-		
16	Work Contract Continuity checking between all termination points in instrumentation rack	20000.00 Point		-		
17	Work Contract Continuity checking and cable colour code verification between all termination points in field junction boxes, SOVs and transmitters	7000.00 Nos.		-		
18	Work Contract Continuity checking and colour code verification of inter rack interface cables	1000.00 Nos.		-		

19	Work Contract Checking and verification of ferruling details of wired instrumentation racks	1000.00 Nos.		-		
20	Work Contract 2 core/4 core cable laying and wiring works	2000.00 m		-		
21	Work Contract Equipment mounting and wiring works	500.00 Nos.		-		
22	Work Contract Testing of E/P valves	500.00 Nos.		-		
23	Work Contract Testing of Control valves	200.00 Nos.		-		
24	Work Contract Testing of Test Article Pressure Measurements	800.00 Nos.		-		
25	Work Contract Testing of Test Article Temperature Sensor Measurements	500.00 Nos.		-		
26	Work Contract Testing of Test Article Vibration Measurements	350.00 Nos.		-		
27	Work Contract Testing of Facility Pressure transmitters measurements	800.00 Nos.		-		

28	Work Contract Testing of Facility Temperature measurements	400.00 Nos.		-		
29	Work Contract Testing of Facility Flow/speed measurements	300.00 Nos.		-		
30	Work Contract Verification and validation of auto & abort sequence software with hardware by electrical simulation	5000.00 Nos.		-		
31	Work Contract Generation of process and monitoring mimics	200.00 Nos.		-		
32	Work Contract Control system Parameters logging and processing	10000.00 Nos.		-		
33	Work Contract Facility Data acquisition logging & processing	10000.00 Nos.		-		
34	Work Contract Test article Data acquisition logging & processing	10000.00 Nos.		-		
35	Work Contract Digital Data acquisition logging & processing	19000.00 Nos.		-		

36	Work Contract High speed Data acquisition logging & processing	1000.00 Nos.		-		
37	Work Contract T&E sheets generation	5403.00 Nos.		-		
38	Work Contract CD backup for raw data and processed files	1030.00 Nos.		-		