

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

**Tender for EXECUTION OF SPORADIC WORK OUTSOURCING  
PACKAGE FOR S & FS**

**Bids to be submitted online**

**Tender No.: IPRC/PURGP2/IP202200108601 dated 16-11-2022**

## **A. Tender Details**

Tender No : **IPRC/PURGP2/IP202200108601**

Tender Date : **16-11-2022**

Tender Classification: **SERVICES**

Purchase Entity : **PURGP2**

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

### **EXECUTION OF SPORADIC WORK OUTSOURCING PACKAGE FOR S & FS**

1. Foreign vendors are not permitted to quote.
2. MSME preference is applicable only against the claim of the manufacturer and production of documentary evidence by the manufacturer for the registration of particular item under MSME.
4. Last minute clarification on tenders will not be entertained.
5. This is an E Tender. Hence Postal/Fax/Email tenders will not be accepted.
6. Acceptance of Security Deposit & LD Clause shall be specified in your Offer.

#### **A.1 Tender Schedule**

Bid Submission Start Date : **16-11-2022 16:00**

Bid Clarification Due Date : **30-11-2022 14:00**

Bid Submission Due Date : **08-12-2022 14:00**

Bid Opening Date : **08-12-2022 14:30**

## **B. Tender Attachments**

### **Technical Write-up/Drawings**

**Document : Annexure - 2**

**Document : Annexure - 4**

**Document : Annexure - 3**

**Document : Annexure - 1**

### **Instructions To Vendors**

#### **5. Conditions for BIDDER FROM A COUNTRY WHICH SHARES LAND BORDER WITH INDIA**

1. Any false declaration and non-compliance of the above would be a ground for immediate rejection of offer or termination of the contract and further legal action in accordance with the laws.

2. As per the Rule 144(xi) of General Financial Rule, 2017, any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the competent authority ie., Department for Promotion of Industry and Internal Trade (DPIIT).

3. Hence, Vendors or Agents of a Vendor (Indian or others) from a country sharing border with India shall submit copy of valid registration made with Department for Promotion of Industry and Internal Trade (DPIIT), Government of India along with the tender mandatorily, without which the offer will be treated as invalid.

#### **4. Model Certificate for Tenders**

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered

5. Validity of Registration: Registration should be valid at the time of submission of bids and should be valid at the time of placement of order.

## C. Bid Templates

### C.1 Technical Bid - EXECUTION OF SPORADIC WORK OUTSOURCING PACKAGE FOR S & FS

**1. Sporadic Work Outsourcing Contract : Operation and maintenance of safety Detection systems and fire protection systems and maintain log books for 2 years.**

#### Item specifications for Sporadic Work Outsourcing Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Receiving /issuing Personal Protective Equipments and maintaining log books. Handling of walkie-talkie and portable monitors (O2, H2 etc.) for 2 years.		-		

**2. Sporadic Work Outsourcing Contract :- Preparation of stock item and segregating pipe and fitting and consumable item in store rack and maintaining the stock register for 2 years.**

#### Item specifications for Sporadic Work Outsourcing Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Handling materials at safety command and respective test facilities by hand trolley/suitable material handling equipment's. Preventive maintenance of safety equipment's on quarterly basic for 2 years.		-		

**3. Sporadic Work Outsourcing Contract :- Preparation of bill of materials for Fire Protection Systems and Receipt of materials, maintaining logbook for activities for Establishment of Fire Protection Systems for 2 years.**

**4. Sporadic Work Outsourcing Contract :- Mounting & dismantling of flange joints:- Mounting**

refers to aligning of pipe flanges (2 nos.) & positioning of gasket properly and tightening the flanges with proper torque with the given bolts & studs for 2 years.

**Item specifications for Sporadic Work Outsourcing Contract**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Dismantling refers to loosening of stud bolts & nuts in the flange assembly & removal of gasket (asbestos / Teflon) & stud & bolts. The size of the stud bolt may vary from M14 to M36. Flange joint assembly for the following sizes: A. 15NB, 25NB, 40NB, 50NB - upto 300# B. 65NB, 80NB, 100NB, 150NB - upto 300# C. 50NB, 3000# D. 32NB, 40NB, 50NB – of CLASS 150# E. 80NB, 100NB – of CLASS 150#, for 2 years.		-		

**5. Sporadic Work Outsourcing Contract :- Assembly & removal of flanged manual / EP valves/ safety relief valves / deluge valves for 2 years.**

**Item specifications for Sporadic Work Outsourcing Contract**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	For following categories of valves: A. Valves weighing < 10 kg B. Valves weighing > 10kg < 20 kg C. Valves weighing > 20kg < 40 kg D. Valves weighing > 40kg < 80 kg for 2 years .		-		

**6. Sporadic Work Outsourcing Contract :- Calibration of H2/O2/ISROSENE etc., flame detectors, leak detectors and ensuring its fitness, service, dismantling/mounting and changing for 2 years.**

**7. Sporadic Work Outsourcing Contract :- Fabrication of safety barricades & sign boards (Sizes: 75x75mm, 75x300mm, 400x600mm) for 2 years.**

**8. Sporadic Work Outsourcing Contract :- Installation of safety equipments - Mounting /dismounting safety shower, Anemometer, Road mirror, Wind socks, Siren. Installation/positioning of safety barricade during hazardous operations for 2 years.**

**Item specifications for Sporadic Work Outsourcing Contract**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Installation and periodic maintenance of Road corner mirror for road safety purpose. Service/Mounting of wind socks and periodic maintenance, periodically measuring wind velocity using portable anemometer for 2 years.		-		

**9. Sporadic Work Outsourcing Contract :- Taking measurement of piping, Equipment, components at site for Fire Protection Systems. Including support activities for general equipment maintenance works for 2 years.**

**10. Sporadic Work Outsourcing Contract :- Charging of GN2 cylinders with GN2 during test operations at cryo test stand for 2 years.**

**11. Sporadic Work Outsourcing Contract :- Setting of pressure regulator involving opening of discharge valves of high pressure GN2 cylinders and associated manual valves and setting the regulator to the required pressure value for 2 years.**

**12. Sporadic Work Outsourcing Contract :- Shifting of structural materials like angles, channels, I-beams, pipes, fittings, etc., for 2 years.**

**13. Sporadic Work Outsourcing Contract :- Collecting inputs on safety Inspection, surveillance, support in work-site/test activities for cryo and earth storable test facilities & storage areas for**

2 years.

**Item specifications for Sporadic Work Outsourcing Contract**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Preparation of reports and maintaining records for works carried out at Test facilities for 2 years.		-		

**14. Sporadic Work Outsourcing Contract :- Mounting and removal of pumps and motors of remote control water monitor and other general pumps & motors for 2 years.**

**Item specifications for Sporadic Work Outsourcing Contract**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	The pump and motor assembly should be serviced / reassembled /maintained regularly at regular intervals for their proper functioning. Supporting activities related to Effluent Treatment plant (ETP) for 2 years.		-		

**15. Sporadic Work Outsourcing Contract :- Mounting and removal of RO pumps and motors: Trouble shooting and servicing for 2 years.**

**16. Sporadic Work Outsourcing Contract :- Maintenance of RO plant: Cleaning, checking, refitting, toppingup, filling anti scalant, handling chemicals as per approved procedures etc., for 2 years.**

**17. Sporadic Work Outsourcing Contract :- Scrubber Charging at PTS, RCS, LUS-TF, STTF: Dismantling, cleaning process, solution preparation etc., for 2 years.**

**18. Sporadic Work Outsourcing Contract :- Air compressor operation for charging of (SCBA): Servicing, assembling and charging for 2 years.**

**19. Sporadic Work Outsourcing Contract :- Air compressor periodic maintenance (preventive maintenance, oil filling, gaskets changing, belt changing etc) 03 months once for 2 years.**

**20. Sporadic Work Outsourcing Contract :- Servicing and maintenance of Outdoor weather monitoring board and Automatic weather station maintenance and ensuring its fitness at various locations for (once in 3 months approx) 2 years.**

**21. Sporadic Work Outsourcing Contract :- Cleaning and mounting / dismantling of deluge nozzles in nos., Servicing of water strainers (sizes 50 NB to 200 NB) for 2 years.**

**Item specifications for Sporadic Work Outsourcing Contract**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Special nozzle dismantling/mounting, Pressure gauge dismantling / mounting for calibration/replacement/new circuits handling of pressure gauge for 2 years.		-		

**22. Sporadic Work Outsourcing Contract :- Operation of RO Plant in Cubic meter: From operation of Feed Pump to Operation of permeate supply (to DM plant) pump for 2 years.**

**Item specifications for Sporadic Work Outsourcing Contract**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Every three hours checking the quality of water for pH, TDS and Conductivity in cycles. Operation of chemical cleaning Pump once in a month in liters and as per approved procedures for 2 years.		-		

**23. Sporadic Work Outsourcing Contract :- Drilling of holes in MS/SS components and in structure shall be carried out either by portable hand drilling machine or in drilling machine.**

**Item specifications for Sporadic Work Outsourcing Contract**



SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Assembly & removal and rigid pipeline. The pipe segment sizes are: a. <=50mm b. >50 <= 100m c.>100 <= 150mm etc., duration for 2 years.		-		
2	For drilling holes of following size : a. <12mm dia b.>12mm & <=24 mm for 2 years.		-		

**24. Sporadic Work Outsourcing Contract :- Painting of pipelines, equipment, fixtures and structure etc ., for 2 years.**

**25. Sporadic Work Outsourcing Contract :- Mounting and dismantling of spring loaded regulator & filter assembly (once in 3 months approx) for 2 years.**

**26. Sporadic Work Outsourcing Contract :- Preparation/Editing of Auto Cad drawings, Making fabrication / Isometric drawing, Layout drawing and correction of drawing for 2 years.**

**27. Sporadic Work Outsourcing Contract :- General housekeeping in the form of removing all unwanted materials lying in and around the work place regularly once in a week or more depending upon the need for 2 years.**

**28. Sporadic Work Outsourcing Contract :- Mounting of detectors and other electronic equipments and storing. For the weight given below: A. Weight<=10 kgs B. Weight >10 kgs <= 25 kgs., is only indicative for 2 years.**

**29. Sporadic Work Outsourcing Contract :- DEO works : Typing of Technical Checklist (100 pages per month, approx.) the above is only indicative numbers for the duration of 2 years.**

**30. Sporadic Work Outsourcing Contract :- Typing of Technical Specifications for (200 pages per month, approx.) the above is only indicative numbers for the duration of 2 years.**

**31. Sporadic Work Outsourcing Contract :- Typing of Monthly Report for (10 pages per month, approx.) the above is only indicative numbers for the duration of 2 years.**

- 32. Sporadic Work Outsourcing Contract :- Typing of Leave / Tour Report for (50 pages per month, approx.) the above is only indicative numbers for the duration of 2 years.**
- 33. Sporadic Work Outsourcing Contract :- Typing of indent documentation for (90 pages per month, approx.) the above is only indicative numbers for the duration of 2 years.**
- 34. Sporadic Work Outsourcing Contract :- Typing of Letters / Fax messages / Email's / Logistic request for (200 pages per month, approx) the above is only indicative numbers for the duration of 2 years.**
- 35. Sporadic Work Outsourcing Contract :- Typing of procedure documents and manuals for (250 pages per month, approx.) the above is only indicative numbers for the duration of 2 years.**
- 36. Sporadic Work Outsourcing Contract :- Typing of Minutes of meeting for (100 pages per month, approx) the above is only indicative numbers for the duration of 2 years.**
- 37. Sporadic Work Outsourcing Contract :- Inward / Outward records entries for (310 pages per month, approx) the above is only indicative numbers for the duration of 2 years.**
- 38. Sporadic Work Outsourcing Contract :- Photocopy of documents and records for (1300 pages per month, approx) the above is only indicative numbers for the duration of 2 years.**
- 39. Sporadic Work Outsourcing Contract :- Scanning of documents and records for (540 pages per month, approx.) the above is only indicative numbers for the duration of 2 years.**
- 40. Sporadic Work Outsourcing Contract : - Filing and organising of records and documents for (310 pages per month, approx) the above is only indicative numbers for the duration of 2 years.**

#### **Supporting Documents required from Vendor**

5 additional documents can be uploaded by the vendor

## C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	Validity of Offer (specify)	Yes / No / Explain	
2	Delivery Period (specify)	Yes / No / Explain	
3	Delivery Terms: Normal delivery terms - FOR Destination (i.e., IPRC, Mahendragiri)	Yes / No / Explain	
4	Payment Terms: Pro-rata monthly payment for the work done and certified by the user division (No advance payment is acceptable). Specify your Payment Terms.	Yes / No / Explain	
5	Security Deposit: The Supplier shall provide Bank Guarantee for an amount equivalent to the 3% (THREE PERCENT) of the total Order value towards Security Deposit for the due performance of the Purchase Order. The Security Deposit can be submitted in the form of Bank Guarantee or Fixed Deposit Receipt obtained from any Nationalized/ Scheduled Bank and it shall be kept valid for a period of sixty days beyond the date of completion of the Purchase Order. This Security Deposit will be returned to the Supplier only upon successful completion of all the contractual obligations or shall be adjusted/ forfeited against non-fulfilment of any of the contractual obligations. The Security Deposit shall be submitted within 30 days from the date of receipt of Purchase Order.	Yes / No / Explain	
6	Confirm: Conditions for BIDDER FROM A COUNTRY WHICH SHARES LAND BORDER WITH INDIA	Yes / No / Explain	
7	Liquidated Damages: In the event, the Contractor fails to complete the work specified within the time (by not engaging the required manpower as envisaged in the Contract or any other reason attributable to the Contractor) an amount equivalent to 0.5% per week shall be recovered for the delayed period subject to a maximum of 10% Contract value.	Yes / No / Explain	

8	Name of PRINCIPAL, Address, Contact No, E-mail Id etc. (specify):	Yes / No / Explain	
9	Currency quoted (specify)	Yes / No / Explain	
10	Taxes and other costs, if any: (Specify).	Yes / No / Explain	
11	MSME preference is applicable only against the claim of the manufacturer and production of documentary evidence by the manufacturer for the registration of particular item under MSME.	Yes / No / Explain	
12	Bank Details (State Bank of India, Mahendragiri, Tirunelveli (Dist) - 627 133) Details of your bank shall be furnished.	Yes / No / Explain	
13	Any other terms	-	

### C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	Sporadic Work Outsourcing Contract : Operation and maintenance of safety Detection systems and fire protection systems and maintain log books for 2 years.	250.00 Nos.		-		
2	Sporadic Work Outsourcing Contract :- Preparation of stock item and segregating pipe and fitting and consumable item in store rack and maintaining the stock register for 2 years.	200.00 Nos.		-		

3	Sporadic Work Outsourcing Contract :- Preparation of bill of materials for Fire Protection Systems and Receipt of materials, maintaining logbook for activities for Establishment of Fire Protection Systems for 2 years.	200.00 Nos.		-		
4	Sporadic Work Outsourcing Contract :- Mounting & dismantling of flange joints:- Mounting refers to aligning of pipe flanges (2 nos.) & positioning of gasket properly and tightening the flanges with proper torque with the given bolts & studs for 2 years.	660.00 Nos.		-		
5	Sporadic Work Outsourcing Contract :- Assembly & removal of flanged manual / EP valves/ safety relief valves / deluge valves for 2 years.	230.00 Nos.		-		

6	Sporadic Work Outsourcing Contract :- Calibration of H2/O2/ISRO SENE etc., flame detectors, leak detectors and ensuring its fitness, service, dismantling/mounting and changing for 2 years.	600.00 Nos.				
7	Sporadic Work Outsourcing Contract :- Fabrication of safety barricades & sign boards (Sizes: 75x75mm, 75x300mm, 400x600mm) for 2 years.	440.00 Nos.				
8	Sporadic Work Outsourcing Contract :- Installation of safety equipments - Mounting /dismounting safety shower, Anemometer, Road mirror, Wind socks, Siren. Installation/positioning of safety barricade during hazardous operations for 2 years.	350.00 Nos.				

9	Sporadic Work Outsourcing Contract :- Taking measurement of piping, Equipment, components at site for Fire Protection Systems. Including support activities for general equipment maintenance works for 2 years.	500.00 Nos.				
10	Sporadic Work Outsourcing Contract :- Charging of GN2 cylinders with GN2 during test operations at cryo test stand for 2 years.	200.00 Nos.				
11	Sporadic Work Outsourcing Contract :- Setting of pressure regulator involving opening of discharge valves of high pressure GN2 cylinders and associated manual valves and setting the regulator to the required pressure value for 2 years.	200.00 Nos.				

12	Sporadic Work Outsourcing Contract :- Shifting of structural materials like angles, channels, I-beams, pipes, fittings, etc., for 2 years.	1250.00 KG		-		
13	Sporadic Work Outsourcing Contract :- Collecting inputs on safety Inspection, surveillance, support in work-site/test activities for cryo and earth storable test facilities & storage areas for 2 years.	900.00 Nos.		-		
14	Sporadic Work Outsourcing Contract :- Mounting and removal of pumps and motors of remote control water monitor and other general pumps & motors for 2 years.	24.00 Nos.		-		
15	Sporadic Work Outsourcing Contract :- Mounting and removal of RO pumps and motors: Trouble shooting and servicing for 2 years.	24.00 Nos.		-		



16	Sporadic Work Outsourcing Contract :- Maintenance of RO plant: Cleaning, checking, refitting, toppingup, filling anti scalant, handling chemicals as per approved procedures etc., for 2 years.	1465.00 Batch				
17	Sporadic Work Outsourcing Contract :- Scrubber Charging at PTS, RCS, LUS-TF, STTF: Dismantling, cleaning process, solution preparation etc., for 2 years.	30.00 Nos.				
18	Sporadic Work Outsourcing Contract :- Air compressor operation for charging of (SCBA): Servicing, assembling and charging for 2 years.	30.00 Nos.				

19	Sporadic Work Outsourcing Contract :- Air compressor periodic maintenance (preventive maintenance, oil filling, gaskets changing, belt changing etc) 03 months once for 2 years.	8.00 Nos.		-		
20	Sporadic Work Outsourcing Contract :- Servicing and maintenance of Outdoor weather monitoring board and Automatic weather station maintenance and ensuring its fitness at various locations for (once in 3 months approx) 2 years.	8.00 Nos.		-		
21	Sporadic Work Outsourcing Contract :- Cleaning and mounting / dismantling of deluge nozzles in nos., Servicing of water strainers (sizes 50 NB to 200 NB) for 2 years.	1100.00 Nos.		-		

22	Sporadic Work Outsourcing Contract :- Operation of RO Plant in Cubic meter: From operation of Feed Pump to Operation of permeate supply (to DM plant) pump for 2 years.	8500.00 Cu.m				
23	Sporadic Work Outsourcing Contract :- Drilling of holes in MS/SS components and in structure shall be carried out either by portable hand drilling machine or in drilling machine.	1100.00 Nos.				
24	Sporadic Work Outsourcing Contract :- Painting of pipelines, equipment, fixtures and structure etc ., for 2 years.	75.00 m2				
25	Sporadic Work Outsourcing Contract :- Mounting and dismantling of spring loaded regulator & filter assembly (once in 3 months approx) for 2 years.	8.00 Nos.				

26	Sporadic Work Outsourcing Contract :- Preparation/Editing of Auto Cad drawings, Making fabrication / Isometric drawing, Layout drawing and correction of drawing for 2 years.	1250.00 Nos.				
27	Sporadic Work Outsourcing Contract :- General housekeeping in the form of removing all unwanted materials lying in and around the work place regularly once in a week or more depending upon the need for 2 years.	52.00 Nos.				
28	Sporadic Work Outsourcing Contract :- Mounting of detectors and other electronic equipments and storing. For the weight given below: A. Weight<=10 kgs B. Weight >10 kgs <= 25 kgs., is only indicative for 2 years.	450.00 Nos.				

29	Sporadic Work Outsourcing Contract :- DEO works : Typing of Technical Checklist (100 pages per month, approx.) the above is only indicative numbers for the duration of 2 years.	4800.00 Nos.		-		
30	Sporadic Work Outsourcing Contract :- Typing of Technical Specifications for (200 pages per month, approx.) the above is only indicative numbers for the duration of 2 years.	9600.00 Nos.		-		
31	Sporadic Work Outsourcing Contract :- Typing of Monthly Report for (10 pages per month, approx.) the above is only indicative numbers for the duration of 2 years.	484.00 Nos.		-		

32	Sporadic Work Outsourcing Contract :- Typing of Leave / Tour Report for (50 pages per month, approx.) the above is only indicative numbers for the duration of 2 years.	2400.00 Nos.				
33	Sporadic Work Outsourcing Contract :- Typing of indent documentatio n for (90 pages per month, approx.) the above is only indicative numbers for the duration of 2 years.	4320.00 Nos.				
34	Sporadic Work Outsourcing Contract :- Typing of Letters / Fax messages / Email's / Logistic request for (200 pages per month, approx) the above is only indicative numbers for the duration of 2 years.	9600.00 Nos.				

35	Sporadic Work Outsourcing Contract :- Typing of procedure documents and manuals for (250 pages per month, approx.) the above is only indicative numbers for the duration of 2 years.	12000.00 Nos.		-		
36	Sporadic Work Outsourcing Contract :- Typing of Minutes of meeting for (100 pages per month, approx) the above is only indicative numbers for the duration of 2 years.	4800.00 Nos.		-		
37	Sporadic Work Outsourcing Contract :- Inward / Outward records entries for (310 pages per month, approx) the above is only indicative numbers for the duration of 2 years.	14880.00 Nos.		-		

38	Sporadic Work Outsourcing Contract :- Photocopy of documents and records for (1300 pages per month, approx) the above is only indicative numbers for the duration of 2 years.	62400.00 Nos.		-		
39	Sporadic Work Outsourcing Contract :- Scanning of documents and records for (540 pages per month, approx.) the above is only indicative numbers for the duration of 2 years.	25924.00 Nos.		-		
40	Sporadic Work Outsourcing Contract : - Filing and organising of records and documents for (310 pages per month, approx) the above is only indicative numbers for the duration of 2 years.	14880.00 Nos.		-		