

**Fabrication of SS Pipelines & MS structural works****1.0 Introduction:**

- 1.1 Work contract is meant for fabrication of Stainless-Steel piping circuits & associated structural works which are to be carried-out in High pressure gas Cylinder fluid circuits at CGS storage of LSSF existing facilities, which includes removal of existing piping & their supports and fabrication of new piping circuits/modification of existing circuits.
- 1.2 These works are required to be carried out at Sathish Dhawan Space Centre, SHAR Sriharikota which is about 100 Km from Chennai and 20 km from Sullurupeta.

**2.0 Scope of the work:**

- 2.1 Fabrication of SS pipe lines sizes varying and different schedule and removal of old pipelines & supports given below in the table-1.

<b>Table-1</b>			
<b>Sl. No</b>	<b>Nature of work/Description</b>	<b>Units</b>	<b>Qty</b>
1	Fabrication ( <b>Butt welding</b> ) of <b>SS pipe lines</b> , D.P. Test and <b>Radiography (100%)</b> with weld consumables, <b>Size: 6.35mm.</b> Detailed Technical specifications and other conditions as per Annexure-1	Nos	50
2	Fabrication ( <b>Butt welding</b> ) of <b>SS pipe lines</b> , D.P. Test and <b>Radiography (100%)</b> with weld consumables, <b>Size: 15 NB</b>	Nos	700
3	Fabrication ( <b>Butt welding</b> ) of <b>SS pipe lines</b> , D.P. Test and <b>Radiography (100%)</b> with weld consumables, <b>Size: 25 NB</b>	Nos	100
4	Fabrication ( <b>Butt welding</b> ) of <b>SS pipe lines</b> , D.P. Test and <b>Radiography (100%)</b> with weld consumables, <b>Size: 40 NB</b>	Nos	230
5	<b>CS Pipelines Fabrication (Butt welding)</b> D.P. Test and <b>Radiography (10%)</b> with weld consumables, <b>Size:65 NB</b>	Nos	100
6	<b>SS Pipe bending 15 NB to 25 NB</b>	Nos	550
7	<b>Cutting and removal of SS piping Circuits</b>	MTRS	1200
8	<b>Cutting and removal of MS Structural material</b> , platforms, Channels, angles, plates and hand rails	Kgs	1000
9	<b>Fabrication &amp; erection of structural platforms</b> , supports, hand rails, Cable trays.	Kgs	5000
10	<b>Hydro test, Pickling Passivation, Erection, assembly &amp; commissioning</b> of SS pipe lines like, assembly of flow components & Instruments, pneumatic testing, U-Clamps fixing and Painting of pipe lines & tag numbers (15 NB to 65 NB).	MTRS	200

- 2.1 Edge preparation, fit up and welding of pipe lines by TIG welding process (SS joints with 100% GTAW) by qualified welders.
- 2.2 Dye penetrant test of root runs & final welds with 100% Radiography (as per table-1) for all butt weld joints
- 2.3 Fabrication of MS structural works shall be carried out by means of SMAW welding with arc electrodes of AWS E 7018.
- 3.0. **Scope of bidder:** Supply of man power, fabrication of SS piping circuits, supply of weld machinery and weld consumables (Welding set, grinding wheels, Filler wires, Argon gas etc.), D.P material, radiography, pipe bending machine, canteen, accommodation and transportation.
- 3.1. The following Manpower to be engaged for the fabrication work:

- 3.1.1. Each fabrication batch consist of minimum of one welder, one fitter, one grinder and two helpers. Minimum Two fabrication batches shall be deployed at a time in different locations with required equipment, material and also additional team to be deployed when demanded.
- 3.1.2. Experienced supervisor with 5 to 10 years of experience in the piping fabrication field.
- 3.1.3. 6G qualified TIG welders for SS pipe welding and Structural welder for MS fabrication, skilled fitters and grinders.
- 3.2. **Sequence of fabrication work execution:**
  - 3.2.1. TIG welding and Laying of pipe lines as per the approved P&ID.
  - 3.2.2 As-built piping isometrics shall be generated and joint numbers shall be indicated for radiography.
  - 3.2.3 This work includes alignment of pipes, maintenance of required slopes, trial suit check shall be carried out at site before final weld.
  - 3.2.4 Erection of pipe supports and fixing of pipe clamps for all the pipe lines.
- 3.3. **The bidder shall be capable of simultaneously deploying 2 welding teams with supervisors.** However, the bidder should be in a position to mobilize one additional welding team to cover up the delays, if any, to meet the schedule on advance intimation of one week, if need arises.
- 3.4. Site engineer / supervisor shall be deployed to site and he shall be responsible for the following
  - 3.4.1 Supervision of fabrication activities and Safety of bidder's personnel
  - 3.4.2 Preparing weld joints history, bill of material, fabrication drawings and collection of material from Department.
  - 3.4.3 Co-ordination with radiography team & Department representative.
- 3.5. **Machinery:** Required machinery like TIG welding machine, arc welding machine, portable auto TIG machine, grinding machine, gas cutting sets, bench / hand drilling machines, concrete drillers, bending machine and pipe cutting machine etc. shall be mobilized by the bidder.
- 3.6. **Transportation, accommodation, canteen for men & Material:** Transport vehicles required for movement of contract personnel from /to work site and Gate I / Sullurupeta, including internal movement within site, canteen & accommodation are in the scope of bidder.
- 3.7. **Weld Consumables:** The consumables such as SS Filler wires (ER SS 308 L / 316 L), CS filler material(F-6), electrodes (E 7018 / E 6013), Grinding Wheels, Industrial Gases (Oxygen / Acetylene), Gas cutting set, Argon gas, Dye-Penetrant Test Kit, Argon regulator, Flow Meters, Face shields, Gloves, SS Wire Brush, SS alignment shim plates of various sizes, Emery cloth, etc. shall be mobilized to the site by the bidder.
- 3.8. **SS Wires:** Size 1.6 mm / 2.0 mm / 2.5 mm, Make (Philips / ESAB / Advani). Manufacturers material test certificates shall be submitted for review & records.
- 3.9. **Electrodes for MS Structural:** Size 2.5 mm / 3.15 mm, Make (Philips / ESAB / Advani). Manufacturers material test certificates shall be submitted for review and record.
- 3.10. **Argon Gas cylinder & Oxygen / Acetylene cylinders:** Grade Commercial, Purity 99.99%, Cylinder Capacity 50 Ltrs, Make (Praxair / Bhoruka / Inox / BOC). Purity certificate to be provided prior to usage.
- 3.11. **Dye-Penetrant Test Kit** Containing cleaner / Penetrant / Developer, Make (Magnaflux / Check Mate)
 

Note: Bidder has to provide all the welding consumables materials TC's for department engineer review and the material shall be used after getting the clearance only.
- 3.12. **Electrical:** Safe distribution of electrical power from single point source identified by Department to bidder's various utility points / equipment.
- 3.13. **Evaluation of Machinery, Manpower and Consumables:**
  - 3.13.1. Machinery and manpower shall be subjected to technical evaluation by the Department Engineer to ascertain their complete suitability / performance for the jobs described above before commencement of the work at site.
  - 3.13.2. Only qualified welders to a level of 6G as per ASME Sec. IX with proven track record will be permitted to carry out the welding works. However, qualification of welder needs to be carried out at site in

the presence of Department engineer suiting to the pipe size / schedule requirements. Based on this evaluation, clearance shall be given for taking up the actual job. *Fitters / Fabricators / Grinders should be well experienced.*

3.13.3. Any welder producing beyond the acceptable no. of repair joints, shall be replaced with another welder after due qualification.

3.14. **Fabrication of SS pipe lines: Welding:**

3.14.1. Stainless Steel pipe (SS 304/304L/316/316L) of schedule (from 10S to XXS) and Size varying from 15NB to 65NB are planned to be welded. Piping work includes marking, cutting, profiling, aligning, fit up, Tack welding, cleaning, chipping etc. Root and final TIG welding by GTAW process shall be completed. *(GTAW welding shall be with 99.99% purity argon gas shielding & purging).* Filler wire to be used for GTAW welding shall be ER 308L & ER 316L.

3.14.2. All pipe welding joints shall be tested with Dye-penetrant test after root & final pass for butt welding, for final pass after fillet/socket welding as per ASME Sec.V, and 100% butt weld joint to be radiographed (as per table-1).

3.15. **Pipe Bending:** Cold bending of pipes shall be made to a requisite angle by using heavy-duty bending equipment meant specifically for Stainless Steel pipes of ½” to 1” pipe lines for gas service. Bend radius of minimum 3D-4D shall be maintained to avoid unwanted thinning. Wrinkles and scratches are not permitted on the bends.

3.16. **Radiography:**

3.16.1. All butt-welds shall be subjected to 100% Radiographic Examinations by X-ray / Gamma-Ray for SS piping as per ASME sec. V for a sensitivity of 2-2T.

3.16.2. The penetrometer used shall confirm to ASTM E 1025/ASTM E747 (or) relevant DIN standards.

3.16.3. Radiography shall be carried out by qualified technicians (i.e.) minimum Level-I of ISNT/ ASNT and *qualification certificates shall be produced with latest renewal to the Department before proceeding with the work.*

3.16.4. Exclusive radiography machine / gamma ray source has to be arranged by the bidder when sufficient numbers of joints are available for testing.

3.16.5. Radiography film shall be evaluated and report shall be submitted by Level II ISNT/ ASNT (or) equivalent qualified person. However, Department inspector will carry out the final evaluation. Department QC/Department NDT Level-II qualified inspector decision is final for retake due to rejection (or) radiography owing to bad image quality (or) repair joints. No extra cost will be paid for re-take due to rejection of radiograph owing to bad image quality or repair joints.

3.17. **MS Structural Fabrication works:**

3.17.1. Fabrication of MS structural works shall be carried out by means of SMAW welding with arc electrodes of AWS E 7018. Anchoring of pipe supports if required, shall be carried out wherever required.

3.17.2. MS supports fixing and drilling of holes in MS supports, fixing of clamps shall be carried out for every 2.5 to 3.0 Meters of pipe length where ever pipe line routing is carried out.

3.17.3. If any of the equipment/Structures gets damaged, loss during removal or erection, the cost of rectification / replacement shall be recovered from the bidder.

4.0. **Department Scope:** Supply of free issue materials viz. SS pipes and pipe fittings / Flanges, Studs, flow components, Gaskets, MS structural materials, U-clamps & shim plates, material handling support and Electrical power supply at free of cost.

5.0. **General Conditions:**

5.1. The validity of the contract shall be for a period of 24 months from the date of release of Purchase Order with an extension of validity (with the same unit rates) for one more year to complete un-utilized scope of work as mentioned in the PO. Hence the bidder willing to work for the above for 36 Months (24 months + 12 months validity extension) only need to quote for this. If any bidder quotes for the part work, the offer will not be considered for evaluation.

- 5.2. Fabrication work is not continuous. Based on the site conditions/availability of the work, bidder has to mobilize the teams.
- 5.3. Quantity variation: As the scope of work is for fabrication of pipelines in site, **quantity variation of (+/- 20 %) has to be considered for all the line items.** Quantity break-up is given in table-1. As the scope of work is for fabrication of pipelines in-situ, payment shall be as per actual quantity fabricated /erected on Pro-rata basis on submission of bills duly certified by the Department and the number of bills shall be restricted to 12 (for two years).
- 5.4. In general bidder shall execute the works planned in general shift from 09:00hrs to 17:30hrs (Monday to Saturday). However occasionally based on the need at site, some of the works are required to be executed on shift basis as given below:  
1<sup>st</sup> shift: 06:00hrs to 14:00hrs and 2<sup>nd</sup> shift: 14:00hrs to 22:00hrs
- 5.5. Bidder shall take enough care to ensure the progress of the work without any material and personnel damage. It is the sole responsibility of bidder to ensure all safety norms to his personnel during transportation between work spot, Department/Bidder stores, work in prefabrication area, in storage shed and in yard. Department will not hold responsibility to any mishap to the bidder personnel during works.
- 5.6. During the entire work necessary precautions are to be taken, pipes and fittings should not get damaged during execution. If any damage occurred equal cost will be recovered from the bidder.
- 5.7. There can be a temporary suspension of fabrication works due to safety restrictions / launch campaign which will be intimated by department and bidder has to resume the fabrication works within 5 days of intimation for redeployment.
- 5.8. The bidder shall be responsible for the safe storage of radiography sources for his sub-contractor. Radiography source shall be stored in identified room which is located about 5 km from the work spot. However, transportation of source from the storage room to the work spot and back shall be the responsibility of bidder.
- 5.9. Handling of pipes from storage to work spot, yard, different elevations, between two work locations and placing pipes on pipe supports after fabrication is in the scope of bidder.
- 5.10. Housekeeping of fabrication area near to work spot will be identified by the purchaser for carrying out pre-fabrication works as well as storage of Dept. free issue material to maintain neatly
- 5.11. Splitting of the order is not envisaged as the nature of the works are interrelated and overall technically suitable lowest offer only will be recommended.
- 5.12. Successful bidder should submit the details of welders for qualification test & complete the qualification test within 15 days from the date of P.O. release.
- 5.13. Bidder shall clearly indicate the deviations, if any from indent specifications in the offer.
- 5.14. The bidder has to ensure that minimum wages, EPF, ESI applicable as per labour act for his manpower during the execution of work.
- 5.15. **Security deposit:** The Bidder shall guarantee the faithful execution of the contract in accordance with the terms and conditions specified herein. As a performance security, the Bidder shall furnish a **Security Deposit 3% of the P.O. Value within 15 days** from the date of contract in the form of Bank Guarantee valid for entire contract period with a claim period of six months beyond the validity of the Contract. The Security Deposit shall not carry any interest and shall be returned after satisfactory completion of all the contractual obligations. If the bidder is failed to execute the contract as per the terms and conditions the Security Deposit will be forfeited.
- 5.16. **Bidder's responsibility & safety aspects:**
- 5.16.1. The contractor shall train their workers on safety related aspects and implementation of safety precautions/procedures at work site and it is the responsibility of the successful bidder. The workforce deployed shall abide all the safety regulations and shall wear necessary safety equipment.
- 5.16.2. Bidder has to give an undertaking that they will comply with prevailing safety norms at site put forth by Department. Safety officer shall have full access to bidder's storage shed at any time for inspection

- 5.16.3. Utmost care shall be taken during the entire fabrication work, handling, positioning of flow components.
  - 5.16.4. Nearby equipment's if any shall be protected prior to the fabrication to avoid any damage.
  - 5.16.5. Contract agency is solely responsible for any injury/death of the workforce. Department is not liable for any mishap.
  - 5.16.6. It is the responsibility of the Contractor to provide the Medical facility / treatment to his work force. However, Department will provide the First Aid.
  - 5.16.7. Successful bidder will be provided the time to time safety and security regulations to be followed at work site by his employees. Violation of the same will be attracted penalty as per department norms.
- 6.0. **Submission of Bids:**
  - 6.1. **Mode of Tender: Two-part tender basis** Viz: Techno-Commercial Bid & Price Bid separately.
  - 6.2. **Part-1 (Techno-Commercial Bid):** Bidder shall confirm specifications mentioned in tender document and check lists. Tenders fulfilling the above conditions only will be short listed for Price bid opening.
  - 6.3. **Disclosure of any Price information in Techno- Commercial Bid shall be the sufficient grounds for rejection of the offer.**
  - 6.4. It is proposed to evaluate the bidder based on the previous experience in execution of the similar nature of works. The supplier has to furnish/confirm the details as enclosed in the **vendor evaluation format (Annexure-2)**.
  - 6.5. Fill and submit the Compliance for techno-commercial terms **(Annexure-3)**.
  - 6.6. Signed, stamped, Unfilled price bid format **(Annexure-4)**.
  - 6.7. Deviations if any with reference to Techno-Commercial terms and conditions shall be clearly brought out under deviations. If deviations are not listed separately, it will be presumed that bidder is adhering to all the technical and commercial conditions given in the document **(Annexure-5)**.
  - 6.8. **Part-2 (Price Bid):**
  - 6.9. Price Bid data to be entered in e-procurement portal only
  - 6.10. All the documents are to be submitted in e-procurement portal only. Documents submitted by hand/post shall not be considered.
  - 7.0. **Award of contract:** In order to have better control on work quality and as the works are inter related, splitting the order item-wise is not envisaged and contract will be awarded on **Overall L1 basis** only.

**VENDOR EVALUATION FORMAT**

The Bidder must submit the following table with documentary proof to confirm his acceptance to meet the requirements detailed above, **without which the offer will not be considered.**

<b>Sl.No</b>	<b>Description</b>	<b>To be filled by the bidder</b>
1.	Name of Company	
2.	Address of Company	
3.	Type of Company (Proprietary/Pvt.Ltd /Public Ltd/Joint Venture/Consortium)	
4.	Registration number	
5.	ESI & EPF Reg. No & date	
6.	Name & address of the office of the Chief Executive of the company	
7.	Name & Designation of the officer of the Bidder to whom all correspondence shall be made for expeditious technical/ commercial co-ordination. Telephone number Fax number E-mail address	
8.	<u>Bidder's previous track record:</u> The bidder should be a Company/Society/Firm registered since last 3 (three) years or more.	
9.	Locations of the Branches of Company (if any)	
10.	Annual turn-over of the company for the last three years (2020-21, 2021-22, 2022-23)	1 <sup>st</sup> year: 2 <sup>nd</sup> year: 3 <sup>rd</sup> year:
11.	The Profit & Loss Account details for the last 3 years which is duly audited and Submitted as part of the Annual Report (2020-21, 2021-22, 2022-23)	1 <sup>st</sup> year profit/loss : 2 <sup>nd</sup> year profit/loss : 3 <sup>rd</sup> year profit/loss :
12.	Submit the IT return documents for the last 3 years (2020-21, 2021-22, 2022-23)	
13.	Documentary proof of minimum three orders of each worth 10 lakhs and above (or) two orders of each worth 15 lakhs and above (or) one order of 20 lakh and above related to fabrication works.	Work order No's & amount:
14.	Work completion certificate by the end user for the previous executed orders must be submitted.	Work completion Certificate No & date:
15.	GST & PAN Card Copies & No's	GST: PAN:
16.	The executed order value (Excluding supply portion)	Amount:
17.	Bidder has to confirm how many days required for commence the work at site from the after P.O. release date (Maximum:15 days)	
18.	If the bidder is awarded the contract, confirm how many welding teams can be deployed (Min:2, Max:3)	

19.	Number of manpower each category wise (teams) proposed to be deployed for fabrication works shall be indicated while quoting (Minimum 2 batches).	
20.	No of Welding teams available in your company	
21.	Bidder shall mention their personnel No. of Supervisors No. of welders No. of Fitters No. of grinder No. of Helpers	
22.	Number of machineries, each category wise shall be indicated while quoting (Minimum 2 sets of machines).	
23.	A signed, stamped, scanned copy of this tender along with the Techno-commercial proposal as a token of acceptance of Tender terms & conditions <b>(Annexure-1)</b> .	
24.	If any contract in SDSC, SHAR/ISRO is short closed by the contractor or terminated by the department, Bidder (s) offer is liable to be rejected.	
25.	The bidder should not have been blacklisted by Central Government or any State Government organization / department in India at the time of submission of the Bid <b>(Self-declaration has to be attached)</b>	No & date:

SIGNATURE : \_\_\_\_\_  
NAME : \_\_\_\_\_  
DESIGNATION : \_\_\_\_\_  
SEAL OF THE COMPANY DATE : \_\_\_\_\_

**Bidders Compliance formats****Bidder format – Techno commercial terms:**

**Compliance for techno-commercial terms:** The bidder has to fill / confirm the following format towards the compliance of the techno commercial terms.

Sl. No	Description	Compliance (Yes / No)
1.	The tender document each page was studied fully, under stood the technical specifications, terms and conditions of the documents and are acceptable in total (page No: 1 to 5)	
2.	The tender document each page is signed, stamped and submitted/uploaded.	
3.	Acceptance for fabrication of SS pipelines & MS structural works as per tender specification	
4.	Validity of the contract: Two years + Validity extension of one more year.	
5.	Disclosure of any Price information in Techno - Commercial Bid shall be the sufficient grounds for rejection of the offer.	
6.	Works mention in table-1 shall be executed based on call by the department and minimum two teams shall be deployed	
7.	The work force once engaged shall work for a minimum period of one year and frequent changing of work force shall be avoided.	
8.	Confirm the copies of previous purchase orders executed is submitted	
9.	Confirm the work completion certificate by the end user for the previous executed orders submitted.	
10.	Confirm the minimum wages will be paid to the contract employees time to time as per Prevailing norms	
11.	Payment will be made based on work completion only, however, to maintain the work quality and to meet the planned schedules, bidders deployed welding team will be monitored.	
12.	Department will permit to work at site after qualification of welder to a level of 6G as per ASME Sec. IX.	
13.	If any welder producing beyond the acceptable no. of repair joints, shall be replaced with another welder after due qualification.	
14.	Bidder should have capability to deploy minimum of 2 welding teams at a time. One welding team consist of minimum 6G Welder-1No, Fitter-1No, Grinder-1No & helper-2No's.	
15.	Bidder should ensure continuously minimum two teams deployed for this contract period/work completion.	
16.	Successful bidder should deploy the welding teams within 15 days from the date of P.O. release	
17.	Based on the work front Department may call additional one more team, with ten days advance intimation will be given through mail/fax/phone and bidder should deploy the welding team before stipulated time.	
18.	Based on the department need and available work-front, bidder has to provide the batches/welding team to carry out the work. There will be a temporary suspension of fabrication works due to safety restrictions / launch campaign which will be intimated by department and bidder has to resume the fabrication works within 5 days of intimation for redeployment.	
19.	It is the responsibility of the contractor to review and ensure the safety of contract employees, positioned at various facilities	
20.	Police verification certificate shall be submitted for the Contract persons to be deployed if contract is awarded.	
21.	Contractor has to give an undertaking that they will comply with prevailing safety norms at site put forth by Department	
22.	Bidder has to provide the necessary safety PPE's like a safety shoes, safety helmets, goggles, gloves, safety belts and also provide the transportation, accommodation and canteen facility for his employees.	



23.	Work locations/facilities are spread in different locations within SDSC SHAR and the distance shall be 3 to 5 KM among the majority of the facilities and a maximum of 15 KM. Accordingly internal transportations shall be planned.	
<b>Confirm the following factors considered while estimation</b>		<b>Considered/ Not Considered</b>
24.	Confirm the tender all line items considered & estimated	
25.	Confirm minimum wages are considered for two welding teams (one welding team: 6G Welder-1No, Fitter-1No, Grinder-1No & helper-2No's) Consumables, transportation, accommodation, canteen & radiography works	
26.	Confirm the salary, EPF, ESI, Bonus, etc. and any other allowances are considered for deployed welding team.	
27.	Expenditure towards contractor site supervisor is in the scope of bidder.	

**Un Price Bid Format**

(To be printed on letterhead and to be included in Techno-commercial bid Proposal)

**Disclosure of any Price information in Techno- Commercial Bid shall be the sufficient grounds for rejection of the offer.**

To,  
Sathish Dhawan Space Centre,  
ISRO, Sriharikota,  
SPSR Nellore dist  
PIN. 524124

Dear Sir/ Madam,

Having examined the Bidding Documents, the receipt of which is hereby duly acknowledged, I / we, the undersigned, offer to supply and work as service providers to Replacement of cylinder piping circuits fabrication work contract **for LSSF** as mentioned in the scope of the work & in conformity with the said bidding documents.

I / We undertake that the prices are in conformity with the requirement as specified in the tender.

Sl. No	Nature of work/Description	Units	Qty	Un price
1	Fabrication ( <b>Butt welding</b> ) of <b>SS pipe lines</b> , D.P. Test and <b>Radiography (100%)</b> with weld consumables, <b>Size: 6.35mm.</b> Detailed Technical specifications and other conditions as per Annexure-1	Nos	50	<b>Should not be filled here</b>
2	Fabrication ( <b>Butt welding</b> ) of <b>SS pipe lines</b> , D.P. Test and <b>Radiography (100%)</b> with weld consumables, <b>Size: 15 NB</b>	Nos	700	
3	Fabrication ( <b>Butt welding</b> ) of <b>SS pipe lines</b> , D.P. Test and <b>Radiography (100%)</b> with weld consumables, <b>Size: 25 NB</b>	Nos	100	
4	Fabrication ( <b>Butt welding</b> ) of <b>SS pipe lines</b> , D.P. Test and <b>Radiography (100%)</b> with weld consumables, <b>Size: 40 NB</b>	Nos	230	
5	<b>CS Pipelines Fabrication (Butt welding)</b> D.P. Test and <b>Radiography (10%)</b> with weld consumables, <b>Size:65 NB</b>	Nos	100	
6	<b>SS Pipe bending 15 NB to 25 NB</b>	Nos	550	
7	<b>Cutting and removal of SS piping Circuits</b>	MTRS	1200	
8	<b>Cutting and removal of MS Structural material</b> , platforms, Channels, angles, plates and hand rails	Kgs	1000	
9	<b>Fabrication &amp; erection of structural platforms</b> , supports, hand rails, Cable trays.	Kgs	5000	
10	<b>Hydro test, Pickling Passivation, Erection, assembly &amp; commissioning</b> of SS pipe lines like, assembly of flow components & Instruments, pneumatic testing, U-Clamps fixing and Painting of pipe lines & tag numbers (15 NB to 65 NB).	MTRS	200	

**Note:** I / we confirm that

**1.** The **contract value is firm and fixed for two years.**

(The validity of the contract shall be for a period of 24 months from the date of release of Purchase Order with an extension of validity (with the same unit rates) for one more year to complete un-utilized scope of work if any as mentioned in the PO).

**2.** The quoted contract value is by considering the minimum wages to the workers as per the AP State / Central Govt labour act (Order No. F.No.1/10(1)/2018-LS-II, dated 03.04.2018) whichever is high and further revisions if any.

<p><b>3.</b> The offered quote is inclusive of all the allowances and taxes as per the statutory norms of State/ Central govt. etc. It is also noted and accommodated the future revisions of basic wage (for the contract period of two year) in quotation. Further revision in purchase order value in this aspect will not be requested during the contract period.</p>
--

It is hereby confirmed that I/We are entitled to act on behalf of our corporation/company /firm/organization and empowered to sign this document as well as such other documents which may be required in this connection.

Dated this ..... Day of ..... 20XX

(Signature) (In the capacity of)  
Duly authorized to sign the Bid Response for and on behalf of:  
.....

(Name and address of the Bidder) Seal/Stamp of Bidder

**Exceptions and Deviations**  
**(To be included in Techno-Commercial Bid Proposal)**

In line with Proposal Document, Bidder may stipulate Exceptions and deviations to the Proposal conditions if considered unavoidable.

Sl.No.	Reference in Specification		Tender Spécification	Offered Spécification	Déviations
	Page No	Clause No			

**NOTE :**

1. Only deviations are to be written in this Annexure.
2. Any deviations taken by the Bidder to the stipulations of the Proposal document shall be brought out strictly as per this format and enclosed along with the bid.
3. Any deviations not brought out as per this Proforma and written elsewhere in the Proposal document shall not be recognized and the same is treated as null and void.
4. Any willful attempt by the Tenderer to camouflage the deviations by giving them in the covering letter or in any other documents that are enclosed may render the Bid itself non-responsive.

(Signature of the Bidder)