



Government of India
Bhabha Atomic Research Centre
SINTERED MATERIALS MACHINING SECTION
Powder Metallurgy Division

Vashi Complex
Navi Mumbai – 400 703

Ref.: PMD/ SMMS/FAB/Misc.-2/2022/ 40273

May 11, 2022

Sub. Supply and providing Shed for storing gas cylinders, VFD in blowers, abrasion resistance epoxy flooring, lightening earth arrester, display poly vinyl signage boards and others associated miscellaneous works in PMD, BARC, Navi Mumbai.

For & On behalf of President of India, sealed quotation in two part bid system are invited by the undersigned for the above said work to be carried out at PMD, BARC, Vashi Complex, Navi Mumbai - 400703. The scope of work is detailed below.

Nature/Description of work
Supply and providing Shed for storing gas cylinders, VFD in blowers, abrasion resistance epoxy flooring, lightening arresters, display poly vinyl signage boards and others associated miscellaneous works in PMD, BARC, Navi Mumbai. As per annexure No.: 1&2

The technical and commercial bids shall be submitted separately/individually in two sealed envelopes and should be super-scribed as **Technical Bids (Part-A)** and **Commercial/financial Bids (Part-B)** duly providing all needed information. These bids shall be kept in other large sealed envelope and super scribe as "Supply and providing Shed for storing gas cylinders, VFD in blowers, abrasion resistance epoxy flooring, telephone lines distribution box, display poly vinyl signage boards and others associated miscellaneous works in PMD, BARC, Navi Mumbai., as per attached annexure No.: 1&2" and should be addressed to the following person. Offers should reach to him on or before the date and time mentioned. The quotation should be sent by only speed post or registered post of Indian Postal Department. Offers sent by any other means shall be treated invalid.

R. K. Sahu, Technical Officer (E), SMMS, Powder Metallurgy Division, BARC, Sector-20, Vashi Complex, Navi Mumbai – 400703	On or before May 27, 2022 at 1600 hrs.
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Instruction to the party:

- **Sealed Technical Bids (Part-A):** Criterion for qualification of technical bid.
 - a. At least four to five year working experience in similar nature of work.
 - b. Attach documentary proof of similar nature of work at least two work order in last two year.
 - c. Vendor must clearly mention whether he accept all the scopes of work and terms & conditions mentioned in tender document.
 - d. Vendor shall clearly mention deviation from the scope of work, if any.

- **Sealed Commercial/financial Bids (Part-B):** Criterion for qualification of Commercial bid.
 - a. It contains all financial terms and consolidated price (numerically as well as words) of the complete work as mentioned in the scope of work.
 - b. Vendor shall clearly mention whether he accepts all the financial terms and conditions mentioned in the tender document.
 - c. All applicable GST are to be mentioned clearly.
 - d. Validity of the offer shall be mentioned clearly.
 - e. Work completion period is to be mentioned clearly.
- It is mandatory to visit the site for evaluation of scope of work and site conditions with prior intimation, before submitting offer. The site can be visited on working day between 10.00 AM to 15.00 PM with advance prior permission from the undersigned.
- Any correction or over writing in offer should be signed by the vendor.
- The Tederer may note that in case the work is awarded to him, he has to produce the police verification certificate for the employees to be deputed for the work inside the BARC/BRIT, Complex, Navi Mumbai.
- Income-Tax @2% and GST TDS @ 2% of basic cost shall be deducted from the bill. The payment for the work done shall be paid by our Account Division only on satisfactory completion of the work. In no case advance payment shall be mace.
- The tenderer must provide PAN No. and GST no. of the firm/company along with offer.
- The time allowed for completion of the job is 120 days. The same shall be reckoned from the date of issue of work order.
- The undersign reserves the of acceptance or rejection of any or all tenders without assigning any reason.

Thanking you,


 R. K. Sahu
 Technical Officer (E)
 Tel: 2788 7174
 आर. के. साहू / R. K. SAHU
 तकनिकी अधिकारी (ई) / TECHNICAL OFFICER (E)
 सिन्ट्रित पदार्थ मशीनिंग केंद्र / Sintered Materials Machining Center
 चूर्ण धातुकी प्रभाग / Powder Metallurgy Division
 भाभा परमाणु अनुसंधान केंद्र / Bhabha Atomic Research Centre
 भारत सरकार / Government of India
 वाशी संकुल, नवी मुंबई / Vashi Complex, Navi Mumbai-400703.

Scope of work:

1. Supply and fabrication of Shed for storing the gas cylinders.
 - Fabrication of shed of size: 2.25m x 1.5 m made of GI sheet and square sectional MS pipes.
 - More than 1.0mm thick GI sheet and 3.0mm thick MS sectional pipes, make: Jindal/Tata shall be used.
 - Providing concrete reinforced flooring of size: 4.00 x1.50 m for shed area.
 - SS chain system shall be provided to fasten the cylinders in standing position.
2. Installation of variable frequency drives of 10 HP in three nos. of Centrifugal Blowers.
 - 3 Nos. of variable frequency drives are to be installed in the electrical panel box of Blowers.
 - All power, control and interlocking electrical wiring are to be provided as per the requirement.
 - Items like panel exhaust fans, wires, lugs, screws and other required item shall be supplied by the party.
 - Additional small cooling fans shall be provided in each VFD panel box.
3. Supply and providing abrasion resistance epoxy flooring in filter house and air conditioning plant room.
 - Filter House of floor area: 1300 ft², air condition plant of floor area: 600 ft² and Machine shop area 1600 ft² are to be provided with epoxy flooring.
 - Floor shall be washed with water and patch-up work with cement putty shall be carried out for perfect leveling of the floor.
 - Uniform thickness of the epoxy flooring should not be less than 3.0mm.
 - Safe shifting and movement of machineries and equipments shall be carried out by vendor.
 - Colour of the flooring shall be on discreet of the users of the area.
 - Branded and approved quality of epoxy materials like Asian/EN/ Dr. Fixit/Dubond/Clean Coat and Asian paint etc shall be used for flooring.
4. Supply and providing PVC self adhesive display signage in various plants area machineries and rooms etc.
 - Various types of self adhesive signage display board for Plant area, machineries and rooms etc total 30 Nos.
 - Long lasting laser jet print display board shall be made of 4 mm thick PVC sheet of various sizes: 600x100x04mm, 300x100x04 mm, 300x150x4mm and 300x300x4mm.
5. Renovations of officer wash room on first floor.
 - Repairing of leakages and seepages from inside in officer wash room as per Standard procedure, replacement of ceramic tiles, brass branded fittings and PVC flush tank.
6. Supply and providing two nos. earth arrester and connection to existing earth strip.
 - Supply of two nos. Coppers spike vertical earth arrester as per code: IS 2309:1989.
 - Proper fixing of earth copper strip at un- fastened locations.
7. Supply and provision of MS plate form on terrace for easy movement.
 - M. S. Platform size: 2.0m x 1.3 m, made of 5 mm thick chequer plate and 50 x 50 x 6 mm M.S. angle shall be provided duly two code of epoxy painting.

8. Epoxy painting of water pipelines on terrace.
 - All water pipe lines of different sizes and lengths are to be applied to coat of epoxy paint.
 - Before application of epoxy paint pipe shall be cleaned, de-rust and application of two coat of red oxide.
9. Servicing and rewinding of 06 numbers of wall mount exhaust fans.
 - Exhaust fans are to be removed from wall mounted at height of 20 feet.
 - Servicing and replacement of bearing are to be carried out.
 - Electrical winding is also to be replaced and fans shall be mounted back at its respective place.

Note: One year warrantee of the works and material supplied by the party is to be furnished. Party shall be provided only electricity and water free of charge from the department side. Any unspecified/unforeseen works which is mandatory to complete the all described works shall be carried out by vendor without any additional charges. All other items or materials shall be arranged by the contractor. Party is liable to keep his working area neat and clean condition on daily basis.



Terms and conditions:

- **Materials:** No free material will be provided to the party. All the materials required for the work will have to be provided by the bidder. All the materials should be of standard specifications available in the market. The materials brought to the site should be got approved from the undersigned before use for the work.
- **Tools:** All the tools and tackles required for the work shall be arranged by party. Only, free electricity and water supply will be provided for the work.
- **Safety:** All the personnel of the contractor should take care of safety and follow the industrial safety regulation while working at site. Specific personnel protective equipment (PPE) required for the job will be provided by BARC as and when required. Any mishap occurring on the job due to unsafe work practice shall be vendor's liability.
- **Security:** Police Verification Certificates (PVC) are required for supervisor and all workers employed by the contractor inside the BARC. Security instructions on entry of workers, working time etc. are to be followed strictly.
- **Working Hours:** Work shall be carried out from 09.30 to 17.00 hrs on all working day from Monday to Friday except holidays. To work on holidays or on weekend prior permission is to be obtained from concerned authority.
- **Work completion:** The time allowed for completion of the job is three month. The same shall be reckoned from the date of issue of work-order. Party should engage skilled and semi-skilled workers for the work with adequate supervisory staff.
- **Payment:** No advance or part payment will be made. The payment shall be made only on satisfactory completion of the work and on production of bill, advance stamped receipt and guarantee/warranty certificate for material quality and workmanship for one year. Income Tax @2% and GST TDS @ 2% of basic cost shall be deducted at the time of billing will be deducted from your bill.
- **Penalty for delay:** Any delay which is attributable to the contractor is liable for penalty @½% per week of the total value of the work-order subject to a ceiling of 10% of the total value.
- **Injury and disputes:** The contractor shall be wholly responsible for any labour related disputes and any injury to contractor's worker during execution of the job.

R. K. Sahu,

Technical Officer (E),
SMMS, PMD, BARC,

Vashi Complex, Navi Mumbai-400703

Tel.:27887174/7172

आर. के. साहु / R. K. SAHU
 तकनीकी अधिकारी (ई) / TECHNICAL OFFICER (E)
 सिंथरीज्ड मशीनन अनुभाग / Sintered Materials Manufacturing Division
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