

Ref: NRG/ TDD/CDCFT RENO/2019/64640

Date: 05/04/2019

NIT for Minor Fabrication
Due date: 22/04/2019

Sealed quotations are invited for and on behalf of the President of India for the work as described below. The last date of submission of sealed quotation is 22/04/2019 up to 15:00 hrs at 207 C4, WIP Process Building Trombay, Mumbai 400085, of Technology Development Division. Please mention the reference number on the front cover of the sealed quotation. Sealed quotation shall only be sent through Postal Speed Post/Normal Post only. Hand delivery of the quotations is strictly not allowed. The sealed quotations will be opened on 24/04/2019 in the office of authorized tender opening officer, TDD, NRG.

Description of work	Duration
Sub: Refurbishment of Rooms and associated works at CDCFT Building, WIP Complex, BARC, Trombay, Mumbai-400085	Two month

1.0: General: The work includes supply and installation of Metallic false ceiling, Split air conditioners, PVC window curtain vertical blinds and LED Lighting Fixtures.

1.1: Refurbishment work: The supply and installation of following items are in the scope of Tenderer.

Sr. No.	Description of work	Qty & unit	Supply Rate Each (Rs.)	Total Cost of Supply (Rs.)	Installation Rate (Rs.)	Total Cost of Installation (Rs.)
1.	Metallic False Ceiling Supply and fixing in position suspended metallic false ceiling system using 600 x 600 mm in size metal Panels as per specifications mentioned at 1.2.	500 sq ft				
2.	Split Air Conditioners Supply and Installation 1.5 ton split AC 3 star rating Voltas /Blue star/ whirlpool/LG with copper tubes for inlet and outlet, mounting brackets and metal clad switch-socket mounted on powder coated MS Box. Make & model shall be approved by Engr. In Charge.	04 nos.				

3.	PVC Window Curtain Vertical Blinds Supply and Installation of PVC window curtain vertical blinds as per following specifications <ul style="list-style-type: none"> i. Rectangle shape. ii. Plain pattern. iii. Color coated finishing. iv. PVC material. Make, model and color of blinds shall be approved by Engr. In Charge.	250 sq ft				
4.	LED Lighting Fixtures Supply, fixing and wiring of 20 W LED light fixtures 12" x 12" slim metal body with mounting brackets, Philips or equivalent make. Wiring cables shall be FRLS PVC insulated industrial cables and polycab or equivalent make. Make and model of light fixtures and cables shall be approved by Engr. In Charge. Sockets & Switches shall be legrand or equivalent make.	16 nos.				
	Sub Total					
	GST @					
	Subtotal with GST					
	Subtotal with GST in words					

Notes:

- i. All the Price/Rate values, GST shall be clearly mentioned in all above columns. The Grand Total shall also be written in words.
- ii. Only those Vendors quoting for all the works mentioned above at Sr. Nos. 1 to 4 above will only be considered. Part offer will be rejected.
- iii. Offers will be evaluated on overall total cost basis covering all the works mentioned at Sr. Nos. 1 to 4 above.
- iv. Tenderer shall be responsible for complete installation of civil works as per site requirements with all accessories. The installation should be of very rugged nature.

1.2: **Specifications for False Ceiling:** Providing and fixing "LUXALON" Lay in False Ceiling 600 x 600 mm unperforated corrosion resistant Aluminium Magnesium alloy metal Panel fixed in 24 mm "T" Frame work of Module 600 x 600 mm. Panels shall be manufactured by Hunders Douglas of size 575 mm x 575 mm of approved colour in 0.70 mm thick Aluminium Alloy 3105 with square edges Tiles to be stove enamelled on a continuous application for pre-Treatment. The coils to be go through 4 stages of pre treatment Three times of oven baked through conversion coating , priming and finish coat ensuring superior adhesion, high corrosion resistance and good colour stability. The coils to be painted on both sides after degreasing. Inside surface to have a primer of 5 microns and a coat of natural colour of 5 microns, exposed surface to have a primer of 5 microns, binder of 5 microns and a topcoat of approved colour 15 microns. Grid system for fixing ceiling tiles shall comprise of TEEs.

The 24 mm main Tee runners shall be suspended at an interval of 1200 mm centre to centre. The 24 mm cross tee runner shall be suspended at an interval of 600 mm centre to centre and further supported with 24 mm cross Tee with interlocking arrangements to form a Grid of 600 mm x 600 mm. The main TEE shall be supported by means of 4 mm G.I.Rod from slab / Roof. The

suspension shall be provided at 1200 to 1500 mm centre to centre.provision for Lights, Diffusers Etc to be made including extra supports wherever necessary. Measurements shall be as per actual area of False ceiling with out deductions for lights and diffusers.

1.3: Installation Practices:

1. The contractor shall use proper electrical plug/sockets. Use of loose wiring will not be permitted.
2. The contractor shall use all safety gears like helmets, safety belts, safety shoes etc. and follow safe installation practices. All the safety precautions shall be meticulously followed,the instructions given by Engr. In Charge & Safety Coordinator from time to time shall be abided.
3. Installation shall be neat and workmanship shall be of excellent quality.
4. The Contractor should supply and install all the fixtures, which may not be specifically mentioned in above, but necessary for the completeness of the work, without any additional cost.
5. All the accessories such as clamps, MS boxes, MS Angles, screws, fixers, ravel plugs, PVC flexible conduits etc. should be supplied by the Contractor.
6. The contractor shall be responsible for any loss or damage during transportation, handling and storage of system or any component of the system.
7. The installation of the above work should be as per the guidance of Engineer-in-charge of work.

1.4: Inspection & Testing:

1. All the items / materials shall be inspected at Contractor’s end/Sourcing Agency before dispatch by Engineer in Charge and his team. Functional tests shall be repeated at site after installation & commissioning, but before final acceptance.
2. Inspection and defects rectifications:-Any defects observed or detected during inspection shall be rectified by the contractor at his own cost and in procedure acceptable to Engineer-in-charge/dept. engineers at no extra cost.

2.0: Working Conditions:

The contractor shall arrange all equipment and personnel required for the successful completion of the work. Contractor shall clean the site after work and dispose the waste generated properly. Contractor shall stick to the schedule given and complete the work before work order expiry. No extension will be given.

Safety and security rules:--

a)	Police verification certificate is required for all workers and supervisor deployed at the site.
b)	Security rules and transport rules at BARC, Trombay premises shall be strictly followed.
c)	Labors under 18 years shall not be allowed to work at site.
d)	Department shall not be responsible for any injury caused to contractor workforce due to any reason / unsafe workmanship while working at site.

- 2.1: Supplier shall bring all requisite mounting accessories, fittings, connectors /adapters etc for refurbishment of rooms and associated works.
- 2.2: All handling equipment, scaffoldings, tools and tackles, ladders, other machines, safety belts, welding machines etc required for the erection work shall be arranged by the supplier.
- 2.3: The vendor should arrange transport of materials required for carrying out the work in advance i.e. prior to starting of the field jobs. Please note **materials /tools etc entry to the site & their exits** is subjected to **security checks & procedure laid down by BARC security sections** & shall be strictly followed during the site execution. Electricity and Water will be provided free of cost for the above work.

- 2.4: The vendor shall arrange adequate accident insurance coverage of his personnel. BARC shall not be responsible for any liability arising out of any accident / injury caused to vendor's personal while executing the work.
- 2.5: To the extent possible the work shall be carried during the normal working hours i.e. 9.30 A.M to 5.30 P.M. Monday to Friday. Prior permission will be required to work on holidays and beyond office hours on working & holidays.
- 2.6: This work involves working in restricted area with security restrictions on entry of workers, working time etc.
- 2.7: All the workers and their supervisors need to have police verification done and cleared.
- 2.8: Contractor shall at his own cost, make arrangements for transport of his personnel, materials, tools etc. to and from the site.

3.0: Notes:

3.1 Offers will be evaluated on overall cost basis hence it is mandatory for bidder to consider entire work and quote on lump sum basis.

- 3.2: Quotation shall be valid for minimum 30 days from the date of opening.
- 3.3: The supplier shall be of qualified for similar types of works with PO /WO references to be submitted.
- 3.4: Supplier shall provide a self declaration that the scope of the work is properly understood by him and he will complete the works in time as per the schedule of the contract.
- 3.5: The Payment will be made as per Government procedure after the job is completed satisfactorily in all respects and has been approved by the officer supervising the job. Payment shall be made only on satisfactory completion of work, removal of debris/waste arising out of the work carried out from site and on production of bill in duplicate, advance stamped receipt, guarantee / warranty certificates, stores receiving voucher duly signed by ASO (if applicable), No Demand Certificate from Security. In general after submission of all the papers mentioned in work order, it takes about a month period for releasing the payment, as per standard practice followed in BARC. Income tax @ prevailing rate at the time of execution of work and applicable surcharge on Income Tax as applicable & education cess on IT & SC as applicable will be deducted from the bill.
- 3.6: Work shall be completed **within two months** of release of work order.
- 3.7: Quotations are to be on printed letter head and should mention Goods and Services Tax (GST) Registration Number as well as any other prevailing Tax Registration Number registered with local, state/Central authority, PAN Number of the firm, Service Tax Registration Number etc.
- 3.8: Quotations that are received in computer generated form are to be construed as invalid and will be rejected.**
- 3.9: Similarly claims raised by the firms are also to be in Printed Invoice formats consisting of the above Registration Numbers.
- 3.10: It is necessary to mention Taxes Registration Numbers clearly in the quotation, without which the offers will not be considered.
- 4.0: **Undertaking:** The vendor shall give undertaking stating that he has understood the entire scope of work inclusive of technical, supply, installation, testing and commissioning requirements as well as other associated security/safety and other general requirements.
- 5.0: Contact undersigned for any other technical enquiry about the job.

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