



**Government of India, Department of Atomic Energy,
Nuclear Fuel Complex,
Civil Engineering Division
(Civil Maintenance Section)
ECIL (POST),
Hyderabad-500 062
(An ISO 9001, ISO 14001 & OHSAS 18001
Organization)**



Item rate E- Tenders in single envelop system are invited on behalf of the President of India by Dy. Chief Engineer(CED,PD & EP),address mentioned above Phone No. 04-27183155,/ 040-27184378 / 040-27183020 & 040-27184202 from eligible contractors for the following works.

Sl. No.	Tender Notice No.	Name of work	Estimat ed Cost (EC) (Rs. in Lakhs)	EMD (Rs.in Lakhs)	Dates for tender request upto 21.00 hrs	Last Date online submission of bids upto 21.00 hrs	Date of submission of hard copies at 14.00 hrs & Tender opening date.	Time of completi on (months)
1	2	3	4	5	6	7	8	9

Single Envelope system - e-tenders

1	M-345 / 2017	Aluminium Partitions, False Ceiling, PVC Flooring, Venetian blinds in EPP, FT, Meltshop, HRD, Fuel plants and other areas at Nuclear Fuel Complex, Hyderabad	93.00	1.86	16.11.2017 to 26.11.2017	30.11.2017	06.12.2017	12
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Detailed NIT indicating eligibility criteria, method of participation, fees payable and other details are available on website www.nfc.gov.in. Tenders are available online on www.tenderwizard.com/DAE to be participated through e-tendering. Bidders are requested to register for e-tendering which is compulsory for participating in these tenders. Tenders will be opened on the same day of date of submission of hard copies (online tenders) at 15.00 hrs.

**Dy .Chief Engineer (CED, EP & PD)
For and On behalf of the President of India**



GOVERNMENT OF INDIA/ भारत सरकार
DEPARTMENT OF ATOMIC ENERGY/ परमाणु ऊर्जा विभाग
NUCLEAR FUEL COMPLEX/ नाभिकीय ईंधन सम्मिश्र (नाईस)
CIVIL ENGINEERING DIVISION/ सिविल इंजीनियरिंग विभाग
HYDERABAD – 500 062/ हैदराबाद-500062

**NOTICE INVITING TENDER-NIT BY E-TENDERING
(TENDER NOTICE NO. NFC/CMS/M/345/2017)**

Online item rate e-tenders in **SINGLE ENVELOPE SYSTEM** are invited on behalf of the President of India from approved and eligible contractors of DAE, e-registered and those of appropriate list of CPWD, Department of Telecommunications, M.E.S., Railways and Telangana & AP State PWD and/or having experience in similar works for the work of

Name of work, estimated cost and other details

Providing Aluminium partitions, False Ceiling, PVC Flooring, venetian blinds in EPP, FT, Meltshop, HRD, Fuel Plants and other areas at NFC, Hyderabad.

(TENDER NOTICE NO. M/345 /2017).

1.1 **The work is estimated to cost Rs.93,06,740/-** This estimate, however, is given merely as a rough guide. The site for the work is available.

1.2 **Earnest Money Deposit (EMD) of Rs. 1,86,135/-** to be submitted in the form of Demand Draft/Pay Orders/Banker's cheque/Deposit at Call receipt/FDR of a Scheduled Bank issued in favour of Pay and Accounts Officer, NFC payable at Hyderabad.

A part of Earnest Money is acceptable in the form of bank guarantee also. In such cases 50% of earnest money or Rs. 20.00 lakhs whichever is less, will have to be deposited in shape prescribed above and balance can be accepted in form of bank guarantee issued by a scheduled bank **valid for one year from the date of submission of bids.**

1.3 **Time of completion for the work:** The time allowed for carrying out the work will be 12 (Twelve) **calendar months to be reckoned from the 15th day after** the date of written orders to commence the work, in accordance with the phasing, if any, indicated in the tender documents. **The period includes the monsoon period. The site is readily available.**

1.4 Fees payable by the bidder/contractor during uploading (soft copy) of tender document and hard copy on or before specified time and date of tender opening.

- (a) Cost of tender document "NIL"
- (b) **Transaction fee for Tender processing: Rs. _____ (Rupees _____ only)** in favour of **M/s. ITI Ltd, New Delhi**. The payment shall be made through Internet Banking/ Credit Card/ Debit card.
- (c) EMD as mentioned above Para 1.2.

Tender/offer without valid EMD and above fees will be summarily rejected

1.5 Various dates for process of the tender

- (a) The entire tender document is available in **Public Tender document** and drawings and specifications in **Drawings & Other Doc** for viewing and downloading for reference purpose only up to 26.11.2017; **21:00 hrs**. Detailed NIT is also available on website www.nfc.gov.in
- (b) Dates for **Tender request i.e., for downloading bid excel sheets:-**
1. **Technical evaluation sheets** and 2. **Schedule of quantities** on submission of details of Tender fee and Tender processing fee from 14.11.2017 to **26.11.2017 up to 21:00 hrs** on website www.tenderwizard.com/DAE
- (c) Last date and time of closing of online submission/uploading of **Offer/bid excel sheets** i.e., **Filled formats of technical evaluation Sheets, Schedule of Quantities and input of EMD** details is **30.11.2017 at 21:00 hrs**.
- (d) Last date for submission of **hard copies or attested copies of certificates for proof of eligibility criteria and Original payments Tender processing fees & EMD** on or before 06.12.2017 **at 14:00 hrs to Office of Superintending Engineer(PE & CMS), 1stfloor, CMS building, NFC, ECIL PO, Hyderabad-500062.**
- (e) Date and time of online opening of bids is 06.11.2017 **at 15.00 Hrs in the office of Superintending Engineer (PE & CMS)**
- (f) **Date of Pre-Bid Meeting:** Not Applicable

2.0 Notice Inviting Tender and Detailed NIT are available for free view on www.nfc.gov.in and all documents of tender for participation on website www.tenderwizard.com/DAE.

2.1 Agencies interested to participate in NFC works, shall register one time under DAE through tender wizard only. Subsequently contractors shall purchase/download and submit/upload tenders. Details of

registration for e-tendering will be available on website www.tenderwizard.com/DAE under icon “enrol me”. For assistance/clarifications, if any contact Sri. **Vijay kumar, Cell: 07207042074 / 07032577704 or Ms. Sarada, Cell: 09686115310, e-mail: daehelpdesk@tenderwizard.co.in.**

2.2 The offer of tenderer who fails to submit originals of fee and copies of certificates as per Para 4.0 on or before the time and date mentioned in the tender notice or the dates extended if any, will be summarily rejected. Delayed /late submission of credentials and fee (Tender Fee/Tender Processing Fee/EMD) in originals will not be entertained. If any tenderer repeats to fail submission of originals after uploading the offer without any valid reason, the tenderer will be debarred from participation for a minimum period of one year.

2.3 For further information please contact Shri Y S S Gopala Krishna Superintending Engineer (PE & CMS) Ph:040-27184378, 040 -27183020 and 040-20184202 Fax: 040 -27122532 during office hours.

3.0 **Eligibility criteria for participation in tendering**

(A) Proof of appropriate class of registration in other units like CPWD, Department of Telecommunications, M.E.S., Railways and AP State PWD etc. and/or having experience in execution of similar nature of works.

(B) Should have satisfactorily completed works during last 7 years ending **30.06.2017**.

(1) **One similar completed work** value not less than 80% of Estimated cost i.e., **Rs. 74.45 Lakhs**

‘OR’

(2) **Two similar completed works** each value not less than 60% of Estimated cost i.e., **Rs. 55.84 Lakhs**

‘OR’

(3) **Three similar completed works** each value not less than 40% of Estimated cost i.e., **Rs. 37.22 Lakhs**.

Attested copies of experience certificates as proof of evidence are to be uploaded and to be submitted.

The value of executed works will be brought to the current costing level by enhancing the actual value of work at simple rate of 7% per annum to be calculated from date of completion to the last of receipt of tender.

For the purpose of this clause ‘similar work’ means

False ceiling works

(C) **Turnover:** **Average annual financial** turnover on construction works should be at least **100% of the estimated cost i.e., Rs. 93.067 Lakhs during the immediate last 3 consecutive financial years**. They should not have incurred any loss in more than two years during last 5 years

period ending with **31.03.2017**. The turnover shall be a certificate from Chartered Accountant for last three years as mentioned in the bid document, which should be uploaded and further details, if required by the department shall be submitted during/after opening of bid. There is no need to upload entire voluminous balance sheet.

Copy of Auditor's Balance sheet should be uploaded and submitted by bidders in support of this.

(D) Solvency: Contractor should have the solvency for an amount equal to 40% of the estimated cost of the work i.e., **Rs. 37.22 Lakhs**.

Copy of Certificate issued by any scheduled Bank is required to be uploaded and submitted.

(E) Registration of GST and PAN.

(F) Plant & Machinery:

Equipment & Machinery: Minimum equipment required for completion of work within the stipulated time has to be deployed or hired for execution of the work.

S. No	Equipment	Availability required for work
1	Hopper & mixer	Yes
2	Truck/Tipplers/Transit mixer	NO
3	Steel shuttering	Yes
4	Tower crane	No
5	Building Hoist	No
6	Excavator	Yes
7	Batch mix plant/weigh batcher	Yes
8	Tandem Roller	No
9	Vibration Compactor	No
10	Paver Finisher	No
11	Hot mix plant	No

12	Road Roller	No
13	Established Workshop with automatic submersible welding facility @15000T/month capacity	No
14	MIG or MAG /Arc welding Machine	Yes
15	Cranes/Jigs/lifting equipment	Yes

(G) Technical Staff & Establishment: List of Technical Staff possessed by the contractor is to be indicated. The Requirement of Technical Establishment for the work to be deployed by the bidder is as per the table below. In addition, a safety supervisor should be deputed invariably to take care of safety of personnel working, for arranging safety PEP talks, for issuance of Personnel Protection Equipments (PEPs) etc.

Cost of work (Rs.Lakhs)	Qualification	Number	Experience (years)
1000-2000	PM – GE	1	10
	GE	1	5
	GE/DE	2	2/5
500-1000	GE	1	5
	GE/DE	2	2/5
150-500	GE	1	5
	GE /DE	1	2/5
Upto 150	GE/DE	1	2/5

GE-Graduate Engineer: DE-Diploma Engineer. PM – Project Manager.

The period of absence of technical manpower will be charged and deducted from your bills as per schedule - F.

- (H) **Inspection of works done by Bidders:** The works indicated by the bidder will be randomly selected for inspection by the department for assessment of their quality of work, performance and their attitude during the contract. Due weight age will be given for performance in qualifying the bidder.
- (I) **The intending bidder must have valid class-III digital signature and user id and password by registration in DAE.**

Contractors are required to register after getting class III Digital signature from any reputed IT organization like e-mudra, TCS, MTNL,GNFC etc. Subsequently, **User ID and password shall be obtained** for participation in tendering by registering in website by logon to www.tenderwizard.com/DAE under icon “**Enroll me**”.

- 3.1 Consortiums and foreign bidders, and unincorporated JV are not allowed.
- 3.2 The experience of bidding agency only will be considered in case of JV. In-house experience shall not be considered for qualification. Experience of works through sub-let or back to back basis shall not be considered unless the works pertaining to Govt. and subletting or association is approved by Govt. Departments by competent authority (certificate of proof to this extent shall be produced).
- 4.0 **Certificates to be uploaded (after scanning into library) while uploading filled bid excel sheets.**
1. Experience /performance certificates of works completed and work in hand.
 2. Audited balance sheets indicating Turnover.
 3. Latest solvency certificate.
 4. Staff and machinery possessed.
 5. VAT (TIN) registration and PAN Card.
 6. Tender process fee (details of receipt of e-payment), and EMD (details to be input while uploading filled Bid excel sheets).
 7. Class of registration of appropriate organization if any.
 8. Declaration by the bidder duly signed.
 9. GST Registration Certificate.

The hard copies of the above including original fees documents shall be submitted to the office of Sr. Superintending Engineer (Q&PH) within the time specified.

- 5.0 **Tender document**: This is available on website www.tenderwizard.com/DAE and Detailed NIT on www.nfc.gov.in. The icons available at www.tenderwizard.com/DAE on the screen are **1. Public Tender document; 2. Drawings & other Doc; 3. Bid Excel sheets; 4. Corrigendum /amendment.**

Public Tender Document: The entire tender document is available under this icon. **This is for viewing and downloading for reference purpose only.**

Drawings & Other Doc: The drawings and specifications are available. **This is for viewing and downloading for reference purpose only**

Bid Excel sheets: These consist of e-formats of Technical evaluation sheets and Schedule of Quantities. **These documents are the part of the offer and to be downloaded by on line submission of details of tender process fee; Subsequently uploaded by the party after filling along with EMD details.**

Corrigendum/amendment: The changes, if any, in the tender subsequent to uploading by the department like extension of dates of NIT, changes in specifications or item descriptions or quantity or units etc., will be seen.

- 5.1 Entire Tender document consists of detailed Notice Inviting Tender, Tender and contract, General rules and directions, Conditions of contract, Clauses of contract, safety code, model rules, contractor's labour regulations, proformae of registers, special instructions to tenderers, proformae of annexures' and performance security bank guarantee, sketches of cement godown & safety and standard specifications of NFC. Except detailed tender notice, this part of document is a standard document and specifications from **Public Tender document and drawings & other Doc** in www.tenderwizard.com/DAE. Preamble to schedule of quantities, Schedule- A to F illustrating Schedule of quantities, Material supplied by the Department, Land earmarked and tools and plants to be hired by contractor, Extra schedule for specific requirements/documents for work, percentage (%) of material component for clause 10(CC), Provisions applicable in clauses of contract and drawings
- 5.2 GCC, SCC and specifications are available in the office of Superintending Engineer(PE & CMS), CMS Building, 1st Floor, Nuclear Fuel complex, ECIL Post, Hyderabad-500062, on payment of Rs 50/- in the form of Draft/Pay Orders/Banker's cheque of a Scheduled Bank issued in favour of Pay and Accounts OfficerNFC.
- 5.3 Entire tender document under **Public tender document and drawings &Other Doc** , along with drawings can be viewed/seen and downloaded from website www.tenderwizard.com/DAE or www.nfc.gov.in free of cost.
- 5.4 **Bid Excel sheets** : This forms the offer. This document consists of e- format of 1.Technical evaluation sheets; 2. Schedule of Quantities. These documents can be downloaded only within time and date of **tender request** on payment of tender processing fees. Contractors are required to fill the Technical evaluation sheets forms A to G of Bid and Schedule of Quantities and then subsequently to be uploaded for participation in the tender along with EMD details.
- 5.5 Contractor shall make ready the Tender processing fee and EMD as indicated in 1.4 (a), (b) and (c) of this section. Contractor shall make **Tender Request** i.e., **downloading of Technical evaluation sheets and schedule of quantities within the time and date indicated in the NIT i.e., up to 30.11.2017 : 2100** hrs, after logon to website www.tenderwizard.com/DAE using Digital signature, User id and password and payment of fees (Tender processing fee).

On tender request, contractor shall download **Bid Excel Sheets** as above and save on the system (Technical evaluation sheets/ forms A to G and Schedule of Quantities) on the desk top **without changing file names**. The files so downloaded shall be filled-in in all respects and then to be uploaded with input of EMD details. This is termed as online submission of offer.

No hard copies of Filled-up Technical evaluation sheets forms A to G of Bid and Schedule of Quantities are required to be submitted.

Vendor manual may be referred which is available on www.tenderwizard.com/DAE for steps involved in e-tendering participation i.e., downloading and uploading of Bid documents, Technical evaluation sheets, Forms A to G of Bid and Schedule of Quantities. For help contact M/s ITI personnel as given above.

For further assistance, contact personnel indicated in para 2.1 and 2.3 of this section. Demonstration on e-tender participation will be arranged for the interested contractors on request or on the dates if any indicated in NIT.

- 6.0 **Mode of submission of offer:**

Offer consists

1. Online submission of **Bid Excel sheets**- Technical evaluation formats- forms A to G and Schedule of Quantities after filling requisite data and uploaded in the same file after input of EMD details within the time and date of online submission as given. **i.e. 30.11.2017:2100 hrs.**

2. Submission of Hard copies of certificates as per Para 4.0 only to Office of . Superintending Engineer (PE & CMS) within the time and date of submission of credentials **i.e. 06.12.2017:1400 hrs.**

ON LINE SUBMISSION: Two files duly filled 1. Technical evaluation sheets and 2. SOQ shall be submitted.

6.1.0 **Forms of Technical Evaluation sheets:** The formats (A) Similar works completed during last 07 years, (B) Works in hand (C) Turnover for last 05 years (D) Data of solvency certificate (E) Equipment and machinery possessed (F) Technical staff or establishment (G) General Data (H) Declaration by the bidder etc., for additional information given in Envelope-I (bid) shall be invariably filled and corresponding document shall be scanned and uploaded.

6.1.1 **Schedule of Quantities (SOQ):** This consists of various items to be carried out for the work and to be read in conjunction with the drawings and specifications for filling the rates. The SOQ after filling rates shall be uploaded along with the mandatory documents on input of EMD details.

Submission of Hard copies:

6.1.2 **Cover-I** shall consist of original Tender process fees e-payment receipt of net banking/debit/credit card payment and EMD together shall be placed in single sealed cover super scribed as **FEE** “Earnest Money and Tender process Fee”.

6.1.3 **Cover –II** shall have copy of Enlistment Order and certificate of work experience and other documents as specified in the detailed tender notice under para 4.0 shall be (which are scanned and uploaded to the e-Tendering website within the period of bid submission) placed in a separate envelope marked as “**Other Documents**”.

6.1.4 Both the Covers (**Cover-I-FEE and Cover-II-Other Documents**) shall be placed in another cover with due mention of Name of work, date & time of opening of bids **addressed to Superintending Engineer(PE & CMS), CMS Building, Nuclear Fuel Complex, Hyderabad-500 062** and to be dropped in the tender box placed at Ground Floor, Saarathi Building on or before last date and time of submission as notified that is up to **06.12.2017at 14:00 hrs.**

6.1.5 Online bid documents submitted by intending bidders shall be opened only of those bidders, whose Earnest Money Deposit, and e-Tendering Processing Fee and other documents placed in the envelope are found in order. **The offer of the bidders will summarily be rejected if they do not meet the eligibility criteria as mentioned in the NIT.**

6.1.6 The Delayed or late offers will be summarily rejected. Department will not be responsible for Postal delays.

6.1.7 Contractor can upload documents in the form of .JPG format and .PDF format.

6.2.0 **Schedule B to F of bid available in Public Tender document are the explanation/confirmation of various clauses of contract applicable for this work. Electricity and water charges shall be charged at prevailing rates.**

6.2.1 **The bids will be opened on 06.12.2017 @ 15:00 Hrs. in the office of Superintending Engineer (PE & CMS), CMS Building, Nuclear Fuel Complex, Hyderabad-500 062.**

6.2.2 **Mode of filling Bid Excel Sheets:**

Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in yellow colour and the moment rate is entered, it turns sky blue. However, while selecting, if any cell is left blank/vacant, the value for that cell will be taken as "0" by software which indicates that the item is being considered free of cost. A warning will be available for such unfilled cells. Hence, bidder should ensure that the rates of all items shall be filled properly before uploading/ submission.

6.2.3 After submission of bid, contractor can resubmit revised bid any number of times but before last time and date of submission of bid as notified.

6.2.4 While submitting revised bid, contractor can revise the rate of one or more item(s) any number of times but before last time and date of submission of bid as notified.

6.2.5 When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted, then the bid submitted earlier shall become invalid.

6.2.6 Contractor shall not disclose rates quoted in Bid nor shall enclose/submit any hard copy along with the documents of Bid.

7.0 The bid submitted shall become invalid and cost of bid & e-Tendering processing fee shall not be refunded if:

The bidder is found ineligible.

- (i) The bidder does not upload all the documents GST Registration certificate, PAN card copy as stipulated in the bid document.
- (ii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted in the envelopes (FEE & Other Documents) physically in the office of tender opening authority.

8 The tenderer whose offer is accepted is required to submit Performance Guarantee. **Performance Guarantee shall be 5% of tendered and accepted value value** in the form of Demand Draft/Pay Order/Banker's cheque/Deposit at Call receipt/FDR of a Scheduled Bank issued in favour of "Pay and Accounts Officer NFC "payable at Hyderabad or Bank Guarantee from any scheduled Bank valid up to period as mentioned in LOA. **The period beyond mentioned in LOA may be extended with a late fee of 0.1% per day of PG amount.**

9.0 During execution of work, Security Deposit (SD) will be deducted from Running account and final bills. Security Deposit shall be @ **2.5 %** of tendered value and accepted The EMD submitted along with the Tender shall be returned after receiving Performance Guarantee (PG). The security deposit will be deducted at the rate of **2.5%** of bill value till

the total SD amount is recovered. If so desired by the contractor, the total SD amount can be deposited in the form of Demand Draft or Pay Order or Banker's Cheque or Deposit at call Receipt or FDR in favour of "Pay and Accounts Officer, NFC" payable at Hyderabad and in such case the EMD will be authorized for release.

10.0 The tender for the works shall remain open for acceptance for a period of 180 days from the date of **opening of bid**. If any tenderer withdraws his tender before the said period or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid.

11.0 **Other Conditions:**

Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site. The accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc., will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

11.1 **Contractor shall submit Police verification Certificate (PVC) of staff or labour to be engaged for the work to get entry pass for working personnel/staff. All stipulations and instructions given by Security personnel, CISF from time to time shall scrupulously be followed for entry, exit of men and materials and as also during execution of work for security purpose.**

11.2 **The rates quoted shall be inclusive of all material, men, equipment/ plant/ machinery required for satisfactory completion of the item in all respects and shall be inclusive of GST and may other mandatory duties and levies of government and exclusive of ESI, EPF components. Amount paid towards ESI, EPF will be reimbursed on submission of documentary proof towards its payment to concerned authorities. IT and GST as applicable will be recovered as TDS from bills.**

11.3 **On opening date, the contractor can login and see the competitor bid quoted amount or enquire from Superintending Engineer (PE & CMS).**

11.4 Ambiguities in rates quoted.

If there are differences between the rates given by the contractor in words and in figures or in amount worked out by him, the following procedure shall be followed.

- (a) **The bidder shall quote rates in figures only. The rates in words, if provision available, amount of each item and total are generated automatically. Therefore, the rate quoted by the bidder in figures shall be taken as correct.**

(b) In the case of percentage rate bid, the percentage quoted in figures shall be taken as correct.

(c) In Lump Sum Contracts, the amount quoted in figures shall be taken as correct.

11.5 Contractor shall sign the declaration and to be submitted /uploaded

12. The competent authority on behalf of President of India does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all of the tenders received without the assignment of a reason. All tenders in which any of the prescribed conditions are not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.

13. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.

14. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted.

15. The contractor shall not be permitted to tender for works in NFC (responsible for award and execution of contracts) in which his near relative is posted as Assistant Accounts Officer or as an officer in any capacity between the grades of Chief Engineer and Assistant Engineers (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any Gazetted officer in NFC or in the DAE. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

16. No Engineer of Gazetted rank or other Gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of two years after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractors service.

17. This Notice Inviting Tender shall form a part of the contract document. The successful tenderer/contractor, on acceptance of his tender by the accepting Authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of:-

Bid consists of the notice inviting tender, all the documents including Tender of contract, General rules and directions, clauses of contract, proformae of schedules, safety code, Model rules, contractors labour regulations, proformae of registers, special instructions to tenderers, specifications , Preamble to Schedule of Quantities, Schedule A to F and drawings, if any, forming the tender as issued at the time of initiation of tender and acceptance thereof together with any correspondence leading thereto.

The uploaded document of this work and subsequent corresponded documents/amendments will be considered as a part of agreement.

Note: Wherever the word General Manager (CED & Utilities) appear in the Tender Document may please be read as Superintending Engineer (PE & CMS).

Signature of/ हस्ताक्षर

Superintending Engineer (PE & CMS)/ वरिष्ठ अधीक्षण अभियंता (क्यू एंड पीएच)

For and on behalf of President of India/ राष्ट्रपति की ओर से और के लिए

SCHEDULE OF QUANTITIES

S.NO	QTY	DESCRIPTION OF ITEM	UNIT	RATE IN RS	TOTAL AMOUNT
01	1300.00	<u>Removing the existing damaged false ceiling</u> of all types including false roofing sheets, suspenders, existing light fittings, cables, cleats etc. , with all necessary scaffolding and stacking properly at a distance of 100m as directed by the Engineer-in-charge	SQM		
02	100.00	<u>Repairing and modifying the existing false ceiling</u> along with frame work or redoing the false ceiling including removing the damaged panels, replacement with the available panels from old frames/ceilings, supplying and fixing required galvanized M.S hangers, fasteners etc. , refixing the same in position at all heights complete and as directed by the Engineer-in-charge	SQM		
03	100.00	<u>Dismantling and removal of existing Aluminium partitions</u> doors, windows etc., very carefully including glass panels, particle board and other fixtures, stacking separately all the materials at places shown properly within 100m lead as directed by the Engineer-in-charge	SQM		
04	100.00	<u>Repairing/modifying/re doing the existing Aluminium partitions</u> , doors in various plants and buildings at various elevations including removing the damaged sections, cleats etc., refabricating them with the available materials from old frames, refixing them in position along with required fixtures which are available, supplying and fixing required Aluminium screws and other hardware required complete and as directed by the Engineer-in-charge	SQM		
05	550.00	<u>Removing carefully the damaged PVC flooring</u> including cleaning the adhesive from the floors and disposing the debris and stacking at places within 100m lead as	SQM		

		directed by the Engineer-in-charge			
06	1250.00	<p><u>Providing and Fixing Light weight Calcium Silicate False Ceiling</u> using AEROLITE ceiling Tiles – Tegular Edge of Texture-QUADRA / FINE FISSURED/COSMOS design of plain/pattern of size <u>595x595mmx15mm</u>, having 100% RH – HUMIDITY RESISTANCE, and Fire Performance - Incombustible as per BS 476: part 4, Noise Reduction Coefficient of 0.15, sound attenuation of 32dB, Light reflectance above 85%, density of 450 Kg/m³, Thermal Conductivity of 0.043 W/m^o KC, to be laid on true horizontal level 24 mm exposed hot dipped galvanized steel powder coated sections comprising of main ‘T’ runner suitably spaced at joints to get required length and of size <u>38mm x 24mm</u> made of <u>0.35mm</u> thick sheet spaced at 1200mm centre and cross ‘T’ of size <u>38x24mm</u> made of <u>0.30mm</u> thick sheet, 1200mm long spaced between main ‘T’ at 600mm centre to centre to form a grid of 600x1200mm and secondary cross ‘T’ of size <u>600x30x24mm</u> made of <u>0.30mm</u> thick sheet to be interlocked at middle of the 600x1200mm panel to form grids of 600x600mm. The wall angle shall be <u>24x0.45mm</u> to be fixed all around the wall. Main ‘T’ runners to be suspended from the ceiling using GI slotted cleats fixed to ceiling <u>with 6mm dia.</u> And 50mm long dash fasteners, 6mm GI adjustable rods with galvanized level clips spaced at 1200mm centre to centre along main ‘T’ , bottom exposed width of <u>24mm</u> of all T- sections shall be pre-painted with polyester paint, all complete at all heights as per specifications and drawings as directed by Engineer-In-charge.</p>	SQM		
07		<p><u>Providing and fixing of mineral fibre False ceiling</u> of Daiken / Armstrong or approved equivalent with hot dipped galvanised steel grid work, surface chemically cleaned capping perfectly pre-finished in baked</p>			

		polyster paint, main tees of size 32X24X0.5mm thick every 1.2m centre to centre or at less intervals wherever required to form a grid of size 600X600 mm and suspending the grid from RCC roof /roof truss using 6mm dia galvanized M.S hangers and anchor fasteners at every 1200 mm intervals wherever required and laying mineral fibre acoustic ceiling tiles pattern of size 600X600X15 mm over the formed grid etc., all complete and as directed by the Engineer-in-charge			
A	500.00	Upto 4.00 height above floor level	SQM		
B	200.00	Above 4.00 m height above floor level and the supports are to be taken from roof trusses and purlins	SQM		
08	100.00	Providing and fixing Suspended False Ceiling with Anodized Aluminium Frame work using aluminium Tee sections as main runners & members of suitable sections capable of taking the load of false ceiling sheet and insulation if any, fixed in position to form grid generally of size 600mmX600 mm, suspending the Tee sections from the existing truss members or M.S angle cleats fixed to RCC slab with anchor bolts, adjustable suspension rods, holding cleats and grid works suitably modified along the walls using anodized aluminium angles of required size, fixed to walls, providing and fixing BISON Panel boards - Decoceil or approved equivalent cement sheets 4mm thick painted with two coats of acrylic washable distemper over one coat of primer of required shade including cutting the sheets to required size, providing extra frame work around light fittings , A.C grills and for trap doors fixed with necessary clips and accessories to correct line and levels etc., with main and cross Tee's of size 35mmX23.5mmX1.5mm, all complete and as directed by the Engineer -in- charge .	SQM		
09		Providing and fixing in position Aluminium door with single/double shutters/fixed partition/wall span using extruded and			

		integrated bronze/medium Grey colour, anodized 15 microns (Jindal/Indal/Ajit India makes) manufactured to relevant IS specifications and glazing with 5 mm float glass aluminium beading push plates (handles), PVC lining cadmium plated screws, weather strips, nuts, washers, neoprene gaskets etc., including providing and fixing other accessories as per ISI specifications wherever applicable, gaps of structural opening to aluminium frame work to be filled with silicate / polysulphide fillers, polysulphide, fixed suitably to brick wall RCC column structures complete as directed.			
A	1750.00	Frame work for single/double door shutters of various sizes, sliding shutters including aluminium push plates, aluminium hardware fixtures, cleat angles, beadings etc. complete as per specifications.	KG		
B	2500.00	Frame work for fixed partitions / wall spans	KG		
C	40.00	4 lever Cylindrical lock for aluminium windows 'EVERITE' /Godrej or approved make	EACH		
D	30.00	Heavy duty floor spring with off set pivots, double action (180° minimum swing) with oil check boxes of ENOX / OZONE make for doors.	EACH		
E	65.00	Hydraulic door closures of ENOX / OZONE make confirming to BIS 3564 with all fixtures, fittings, screws etc	EACH		
F	200.00	12 mm thick prelaminated cement particle board grade I, type I of M/s. Sitapur or BISON confirming to IS 12823 of approved shade on both sides	SQM		
G		5 mm thick float glass plain / White Diffused of approved quality Modiguard / Saint Gobain / Triveni / Hindustan Pilkinston including PVC lining gasket for structural openings, cutting to required sizes, all wastages etc., as per the drawing and as directed. (Cost of			

		aluminium beading for glass fixing shall be paid in basic item).			
I	165.00	Plain Glass	SQM		
ii	30.00	White Diffused	SQM		
10	60.00	6 mm thick Poly Carbonate sheet of Polygal or approved make of required shade and colour including necessary PVC lining gasket for structural openings, cutting to required sizes, all wastages etc., as per the drawing and as directed. (Cost of aluminium beading for panel fixing shall be paid in basic item).	SQM		
11	350.00	Supplying and fixing window blinds as required for existing window openings of various sizes in various plants and buildings of approved shade and colour made up of high strength aluminium alloy head rail powder coated channel of approved shade, friction free heavy duty acrylic runners, control units, synthetic washable fabric of water and oil repellent / good quality horizontal 25 mm slots of 0.18 mm thick virgin Aluminium magnesium alloy for horizontal blinds including all spares, fixing to walls by approved means complete all as per manufacturer's specification and as directed by Engineer-in-Charge.	SQM		
12	350.00	Providing and fixing at all heights sun control film of reflective type to the glass panes of windows. Manufactured by M/s. Gareware or its approved equivalent of required shade including cutting to required size, fixing the film without any wrinkles, removing any existing film, cleaning the glass along with paints if any thoroughly on both sides complete as per manufacturers' specifications and as directed by the Engineer-in-Charge.	SQM		
13	400.00	Providing/fixing flexible Heavy duty PVC flooring and skirting using 3 mm thick PVC rolls conforming to IS 3462, manufactured by M/s. Premier / Armstrong / Royal house of approved shade. The pattern &	SQM		

		design, repairing & leveling the patches of existing floor with any approved filler including fixing the new rolls to different types of floors with Fevicol SR 998 or equivalent approved synthetic adhesive as per manufacturer's specifications including cutting of rolls to required shape and size, Rolling with 20kg roller, providing V-groove and welding all joints using approved vinyl electrodes conforming to IS 8004, smoothening and cutting the welded beads, rolling over joints if required, in line, level including cost of all materials and labour etc., complete as directed by the Engineer-in-Charge.			
14	800.00	Providing/fixing flexible PVC flooring and skirting using 2 mm thick PVC rolls conforming to IS 3462, manufactured by M/s.Premier / Armstrong / Royal House of approved shade, pattern design, repairing and leveling the patches of existing flooring with any approved filler including fixing the new rolls to flooring with approved synthetic adhesive as per manufacturer's specifications including cutting the rolls to required shape and size rolling with 20 Kg. roller after finishing etc., complete all as per specifications and as directed by Engineer-in-Charge.	SQM		
		Electrical Fittings			
15		Supply and pulling of following sizes of flexible FR copper stranded wires of Finolex / L&T / Polycab make to be drawn in 2 mm thick PVC conduit / channels with ferruling on both ends excluding cost of pipes, channels and switch boards.			
A	404	2.5 sq.mmm FR Copper wire - Red colour	MTR		
B	400	2.5sq.mm FR copper wire - Black colour	MTR		
C	250	2.5 sq.mm FR copper wire- Green colour	MTR		
D	1400	1.5 sq.mm FR Red colour	MTR		
E	1400	1.5 sq.mm FR Copper wire - Black colour	MTR		
F	500	1.5sq.mm FR Copper wire - Green Colour	MTR		
16	1200	Supply and installation of 2mm thick 25mm dia PVC conduits conforming to IS	MTR		

		with required bends/junctions of Sudhakar/AKG industries make in the wall by clamping on the wall with required hardware			
17		Supply and installation of following sizes of PVC modular switch board, switch with spark shielding, PVC frame, cover plates and switch. Make: Schneider, Havells, Legrand, Crabtree, Northwest.			
A	15	8 modular switch board with 8 Nos 10 A switches	NoS		
B	22	6 Modular switch board with 6 Nos 10 A switches	Nos		
C	10	3 Modular switch board with 3 nos of 10 A switches	Nos		
18		Supply & installation of following light fittings of Philips / Wipro/ Bajaj make with associated control gear, capacitor, lamps and all hardware / supports as required for installation of fittings including lamps.			
A	180	2FT x 2 FT type 29 W LED recess mounted light fittings similar to Philips full glow RC 380B	Nos		
B	25	4 x 19W recessed type fluorescent lamp fitting similar to Philips TBSO88 with M2 reflector and required accessories for hanging on the false ceiling.	Nos		
Note: The above quoted rates are inclusive of GST and exclusive of ESI, EPF components.					