

**INVITATION FOR QUOTATIONS FOR CONSTRUCTION OF  
CIVIL WORKS UNDER SHOPPING PROCEDURES**

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Dear Sirs,

Sub: Invitation of online quotations for Civil & Electrical works in Instrumentation Laboratory, CPCB Delhi

1. You are invited to submit your most competitive quotation for construction of the following works:-

<b>Brief Description of the Works</b>	<b>Period of Completion</b>
Civil & Electrical works in Instrumentation Laboratory, CPCB Delhi	04 months from the date of letter to proceed with work

2. Government of India has received/has applied for/intends to apply for financing from the World Bank towards the cost of the NGRBA Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

- 3<sup>1</sup>. Deleted.

4. To assist you in the preparation of your quotation, we are enclosing the following:

- i. Layout Drawings of the works; enclosed
- ii. Structural Details; N.A.
- iii. Detailed Bill of Quantities, with estimated rates and prices; Estimated cost
- iv. Technical Specifications; Enclosed
- v. Instructions to Bidders (in two sections). Enclosed
- vi. Draft Contract Agreement format which will be used for finalizing the agreement for this Contract. Enclosed

5. **Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app> latest by 15.00 Hrs. on 10.01.2017. Late quotations will be rejected. The same will be opened 15.30 Hrs. on 11.01.2017.**

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<sup>1</sup> Delete if inapplicable

**Tenderer/Contractor are advised to follow the instructions “Instructions To Bidder for Online Bid Submission” provided in the Annexure “A” for online submission of bids -.**

Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

6. We look forward to receiving your quotations and thank you for your interest in this project.

Name: A B Akolkar, MS

Address: Central Pollution Control  
Board, Parivesh Bhawan  
East Arjun Nagar,  
Delhi-110032

Tel. No: 01143102418

Fax No. 01122301122

## Instructions to Bidders

### SECTION - A

#### 1. Scope of Works

The Central Pollution Control Board invites online quotations for the construction of works as detailed in the table given below

<b>Brief Description of the Works</b>	<b>Period of Completion</b>
Civil & Electrical works in Instrumentation Laboratory, CPCB Delhi	04 months from the date of letter to proceed with work

The successful bidder will be expected to complete the works by the intended completion date specified above.

#### 2. **Qualification of the bidder:** The bidder shall provide information on his qualification which shall include:-

- (a) Total monetary value (i.e. final amount received for the work) of works executed by him for each year of the last 3 years: i.e. F.Y. 2013-14, 14-15, 15-16 . Copy of the certificate for final amount received to be enclosed.
- (b) Report on his financial standing; i.e. balance sheet and
- (c) Details of any litigation, during the last 3 years in which the bidder is involved, the parties concerned, and disputed amount in each case (Give details of both completed and pending cases).and non performed contracts

#### 3. To qualify for award of the contract the bidder:-

- (a) should have satisfactorily completed as a prime contractor at least one similar work i.e. civil and electrical works together of value not less than Rs. 17,25,000/- or 02 similar works of Rs. 13,00,000/- in the last three years;
- (b) should possess valid electrical license for executing building electrification works (in the event of the works being sub - contracted, the sub-contractor should have the necessary license);
- (c) Should have valid registration in CPWD or any other Govt. department in appropriate category, valid copy of VAT registration, PAN card. Documentary evidence to be enclosed.

**All above self certified documents has to be submitted in hard copy before online submission of the bid i.e before 10.01.2017.**

#### **4. Bid Price**

- a) The quotation shall be for construction of the whole works as described in the Bill of quantities, drawings and technical specifications. Corrections, if any, in the quotation shall be made by crossing out, initialing, dating and re writing.
- b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price.
- c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- d) The rates should be quoted in Indian Rupees only.

#### **5. Submission of Quotations**

**5.1** The bidder is advised to visit the site of works at his own expense and obtain all information that may be necessary for preparing the quotation.i.e. location of laboratory, electrical room, nearest water supply line etc.

**5.2** Each bidder shall submit only one quotation. Bidders shall not contact other Bidders on matters relating to this quotation.

**5.3** The quotation submitted by the bidder shall comprise the following :-

- (a) Quotation filled in the format given in Section B.
- (b) Signed Bill of Quantities; and
- (c) Qualification information form given in Section B duly completed.

**5.4** Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/applatest> by 15.00 Hrs. on 10.01.2017. Late quotations will be rejected.

**Tenderer/Contractor are advised to follow the instructions “Instructions To Bidder for Online Bid Submission” provided in the Annexure “ ” for online submission of bids - .**

Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

**5.5** Deleted

**5.6** Deleted

**6. Validity of Quotation**

Quotation shall remain valid for a period not less than 45 days after the deadline date specified for submission.

**7. Opening of Quotations - deleted**

**8.** Information relating to evaluation of quotations and recommendations for the award of contract shall not be disclosed to bidders or any other persons not officially concerned with the process until the award to the successful bidder is announced.

**9. Evaluation of Quotations**

The Employer i.e. Central Pollution Control Board will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) meet the qualification criteria specified in clause 3 above;
- (b) are properly signed; by the authorised representative and
- (c) conform to all the terms and conditions, specifications and drawings without material deviations.

**10. Award of contract**

The Employer will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price and who meets the specified qualification criteria.

**10.1** Notwithstanding the above, the Employer reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

**10.2** The bidder whose quotation is accepted will be notified of the award of contract by the Employer prior to expiration of the quotation validity period.

**11. Performance Security**

Within 15 days of receiving letter of acceptance, the successful bidder shall deliver to the Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi-110032 the performance security (either a bank guarantee or a bank draft in favour of the Employer) for an amount equivalent of 3 % of the contract price. The Performance Security shall be valid till the expiry of the period of maintenance of the work, specified in clause 12. Failure of the successful Bidder to furnish performance security and signing the agreement within the period stipulated shall constitute

sufficient grounds for annulment of award and debarring the bidder from participation in bidding by Employer for a period of one year ,in which case the Employer may make the award to the next lowest evaluated bidder or seek quotations afresh.

**12. Period of Maintenance:**

The “Period of Maintenance” for the work is six months from the date of taking over possession by the Employer or one full monsoon season whichever occurs later. During the period of maintenance, the contractor will be responsible for rectifying any defects in construction free of cost to the Employer.

- 13.** Supply of all construction materials including cement and steel as per the specifications (ISI certification marked goods wherever available) shall be the responsibility of the contractor. Employer will not issue any material/equipment.

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## **SECTION - B**

- 1. Format for Qualification Information.**
- 2. Format for Submission of Quotation.**
- 3. Format of Letter of Acceptance.**

## QUALIFICATION INFORMATION

### 1 For Individual Bidders

1.1 Principal place of business: \_\_\_\_\_

Power of attorney of signatory of Quotation.  
*[Attach copy]*

1.2 Total value of works    FY or CY                    20\_\_\_\_    \_\_\_\_\_  
completed in the last                                    20\_\_\_\_    \_\_\_\_\_  
three years (in Rs. Lakhs)                            20\_\_\_\_    \_\_\_\_\_

1.3 Work performed as prime contractor (in the same name) on supply of a similar nature over the last three years.

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<u>Project Name</u>	<u>Name of Employer</u>	<u>Description of supply</u>	<u>Contract No.</u>	<u>Value of contract (Rs.Lakhs)</u>	<u>Date of issue of work order</u>	<u>Stipulated period of completion</u>	<u>Actual date of completion*</u>	<u>Remarks explaining reasons for delay and work completed</u>
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Existing commitments and on-going works:

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<u>Description of work</u>	<u>Place &amp; State</u>	<u>Contract No. &amp; Date</u>	<u>Value of Contract (Rs. Lakhs)</u>	<u>Stipulated period of completion</u>	<u>Value of works* remaining to be completed (Rs. Lakhs)</u>	<u>Anticipated date of completion</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)

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\* *Enclose a certificate from the Engineer concerned for completion as well as value of pending works.*



**1.4** Proposed subcontracts and firms involved.

<b>Sections of the supply</b>	<b>Value of Sub-contract</b>	<b>Sub-contractor (name &amp; address)</b>	<b>Experience in similar work</b>
*	*	*	*
*	*	*	*
*	*	*	*

**1.5** Evidence of access to financial resources to meet the requirements of working capital: cash in hand, lines of credit, etc. List them below and attach copies of support documents.

**1.6** Name, address, and telephone, telex, and fax numbers of the Bidders' bankers who may provide references if contacted by the Employer.

**1.7** Information on litigation history in which the Bidder is involved.

<b>Name of the work</b>	<b>Agreement number/date</b>	<b>Name &amp; address of Employer</b>	<b>Contract Value in Rs</b>	<b>Cause of dispute</b>	<b>Amount Disputed</b>	<b>Remarks showing present status</b>

**QUOTATION**

\*Description of the Works: Civil & Electrical works in Instrumentation Laboratory, CPCB, Delhi  
To:

Subject : Civil & Electrical works in Instrumentation Laboratory, CPCB, Delhi

Reference : Letter No F. No. 4-1(9)/Bldg/Civil/NGRBA dated 15.12.2016

Sir,

We offer to execute the Works described in your letter referred to above in accordance with the Conditions of Contract enclosed therewith at ..... percentage above / below the estimated rates, i.e., for a total Contract Price of -

Rs.\*\* \_\_\_\_\_ [ in figures ]

Rs. \_\_\_\_\_ [in words].

This quotation and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any quotation you receive.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery or collusive arrangements with the competitors. We will abide by the laws against fraud & corruption in force in India namely "Prevention of Corruption Act-1988 as amended on date.

We hereby confirm that this quotation is valid for 45 days as required in Clause 6 of the Instructions to Bidders.

We have not been debarred/removed from approved lists/ (dealings suspended) for participation in bidding for tenders by the Central/State Governments or by the World Bank.

Yours faithfully,

Authorized Signature : Date: \_\_\_\_\_

Name & Title of Signatory : \_\_\_\_\_

Name of Bidder : \_\_\_\_\_

Address : \_\_\_\_\_

\* ***To be filled in by the Employer before issue of the Letter of Invitation.***

\*\* ***To be filled in by the Bidder, together with his particulars and date of submission at the bottom of this Form.***

**LETTER OF ACCEPTANCE  
CUM NOTICE TO PROCEED WITH THE WORK**

**(LETTERHEAD OF THE EMPLOYER)**

Dated: \_\_\_\_\_

To: \_\_\_\_\_ [Name and address of the Contractor]  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sirs,

This is to notify you that your quotation dated \_\_\_\_\_ for execution of the \_\_\_\_\_ for the contract price of Rupees \_\_\_\_\_ [amount in words and figures], is hereby accepted by us.

You are hereby requested to furnish performance security for an amount of Rs. \_\_\_\_\_ (equivalent to 3% of the contract price) within 15 days of the receipt of the letter. The Performance Security in the form of Bank guarantee or a Bank draft in favour of Central Pollution Control Board, Delhi (Employer) shall be valid till the expiry of the period of maintenance i.e. up to \_\_\_\_\_. Failure to furnish the Performance Security will entail cancellation of the award of contract.

You are also requested to sign the agreement form and proceed with the work not later than \_\_\_\_\_ under the instructions of the Engineer, \_\_\_\_\_ and ensure its completion within the contract period.

With the issuance of this acceptance letter and your furnishing the required Performance Security, the contract ,for the above said work, stands concluded.

Yours faithfully,

**Authorized Signature  
Name and title of Signatory**

# Draft Contract Agreement form for Construction through National Shopping

## ARTICLES OF CONTRACT AGREEMENT

This deed of agreement is made in the form of agreement on \_\_\_\_\_ day  
\_\_\_\_\_ month \_\_\_\_\_ 20.. \_\_\_\_, between the  
\_\_\_\_\_ (Employer) or his authorized representative (hereinafter  
referred to as the first party) and \_\_\_\_\_ (Name of the Contractor/firm), S/O  
\_\_\_\_\_ resident of \_\_\_\_\_ (hereinafter referred to as the contractor/firm),  
to execute the work of construction of \_\_\_\_\_ (hereinafter referred to  
as works) on the following terms and conditions.

### 2. Cost of the Contract

The total cost of the works (hereinafter referred to as the “total cost”) is Rs. \_\_\_\_ as  
reflected in Annexure - 1.

### 3.1 Payments under its contract:

Payments to the second party for the work will be released after satisfactory completion  
of the work.

### 3.2 Deleted

### 4. Notice by Contractor to Engineer

The second party, on the works reaching each stage of construction, issue a notice to the  
first party or the Engineer nominated by the first party (who is responsible for  
supervising the contractor, administering the contract, certifying the payments due to  
the contractor, issuing and valuing variations to the contract, awarding extensions of  
time etc.), to visit the site for certification of stage completion. Within 15 days of the  
receipt of such notice, the first party or the engineer nominated by it, will ensure issue  
of stage completion certificate after due verification.

### 5. Completion time

The works should be completed in 04 months from the date of this Agreement. In  
exceptional circumstances, the time period stated in this clause may be extended in  
writing by mutual consent of both the parties.

### 6. If any of the compensation events mentioned below would prevent the work being completed by the intended completion date, the first party will decide on the intended completion date being extended by a suitable period:

- a) The first party does not give access to the site or a part thereof by the agreed  
period.

- b) The first party orders a delay or does not issue completed drawings, specifications or instructions for execution of the work on time.
  - c) Ground conditions are substantially more adverse than could reasonably have been assumed before issue of letter of acceptance and from information provided to second party or from visual inspection of the site.
  - d) Payments due to the second party are delayed without reason.
  - e) Certification for stage completion of the work is delayed unreasonably.
7. Any willful delay on the part of the second party in completing the construction within the stipulated period will render him liable to pay liquidated damages. @ Rs. 800/- per day which will be deducted from payments due to him. The first party may cancel the contract and take recourse to such other action as deemed appropriate once the total amount of liquidated damages exceeds 3 % of the contract amount.

**(Note: The amount of liquidated damages per day should be determined at 0.05 to 0.1% of the contract value of the works per day and indicated here).**

## **8. Duties and responsibilities of the first party**

- 8.1 The first party shall be responsible for providing regular and frequent supervision and guidance to the second party for carrying out the works as per specifications. This will include written guidelines and regular site visit of the authorized personnel of the first party, for checking quality of material and construction to ensure that it is as per the norms.
- 8.2 The first party shall supply 3 sets of drawings, specifications and guidelines to the second party for the proposed works.
- 8.3 Possession of the site will be handed over to the second party within 10 days of signing of the agreement.
- 8.4 The Engineer or such other person as may be authorized by the first party shall hold meeting once in a fortnight where the second party or his representative at site will submit the latest information including progress report and difficulties if any, in the execution of the work. The whole team may jointly inspect the site on a particular day to take stock of activities.
- 8.5 The Engineer shall record his observations/instructions at the time of his site visit in a site register maintained by the second party. The second party will carry out the instructions and promptly rectify any deviations pointed out by the engineer. If the deviations are not rectified, within the time specified in the Engineer's notice, the first party as well as the engineer nominated by it, may instruct stoppage or suspension of

the construction. It shall thereupon be open to the first party or the engineer to have the deviations rectified at the cost of the second party.

## **9. Duties and responsibilities of the second party**

### **9.1** The second party shall:

- a) take up the works and arrange for its completion within the time period stipulated in clause 5;
- b) employ suitable skilled persons to carry out the works ;
- c) regularly supervise and monitor the progress of work ;
- d) abide by the technical suggestions/direction of supervisory personnel including engineers etc. regarding building construction ;
- e) be responsible for bringing any discrepancy to the notice of the representative of the first party and seek necessary clarification :
- f) ensure that the work is carried out in accordance with specifications, drawings and within the total of the contract amount without any cost escalation ;
- g) keep the first party informed about the progress of work ;
- h) be responsible for all security and watch and ward arrangements at site till handing over of the building to the first party ; and
- i) maintain necessary insurance against loss of materials/cash, etc. or workman disability compensation claims of the personnel deployed on the works as well as third party claims.
- f) Pay all duties, taxes and other levies payable by construction agencies as per law under the contract (First party will effect deduction ( TDS) from running bills in respect of such taxes as may be imposed under the law).

## **10. Variations / Extra Items**

The works shall be carried out by the second party in accordance with the approved drawings and specifications. However, if, on account of site conditions or any other factors, variations are considered necessary, the following procedure shall be followed:-

- a) The second party shall provide the Engineer with a quotation for carrying out the Variation when requested to do so by the Engineer. The Engineer shall assess the quotation, which shall be given within seven days of the request before the Variation is ordered.

- b) If the quotation given by the second party is unreasonable, the Engineer may order the Variation and make a change to the Contract Price which shall be based on Engineer's own forecast of the effects of the Variation on the Contractor's costs.
- c) The second party shall not be entitled to additional payment for costs which could have been avoided by giving early warning.

## **11. Securities**

The Performance Security (Bank Guarantee from a Nationalized or Scheduled Bank in India in the format attached) shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and by a bank or surety acceptable to the Employer. The Performance Security shall be valid until a date 28 days from the date of issue of the Certificate of Completion in the case of a Bank Guarantee.

## **12. Termination**

**12.1** The Employer may terminate the Contract if the other party causes a fundamental breach of the Contract.

**12.2** Fundamental breaches of Contract include, but shall not be limited to the following:

- (a) the contractor stops work for 28 days and the stoppage has not been authorized by the Engineer;
- (b) the Contractor has become bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
- (c) the Engineer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Engineer;
- (d) the Contractor does not maintain a security which is required;
- (e) the Contractor has delayed the completion of the Works by the number of days for which the maximum amount of liquidated damages can be paid, as defined in the clause 7 of this agreement

**12.3** Notwithstanding the above, the Employer may terminate the Contract for convenience.

**12.4** If the Contract is terminated the Contractor shall stop work immediately, make the Site safe and secure and leave the Site as soon as reasonably possible.

## **13. Payment upon Termination**

**13.1** If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Engineer shall issue a certificate for the value of the work done less

advance payments received up to the date of the issue of the certificate, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law.

**13.2** If the Contract is terminated at the Employer's convenience, the Engineer shall issue a certificate for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract and less taxes due to be deducted at source as per applicable law.

**14. Dispute settlement**

If over the works, any dispute arises between the two parties, relating to any aspects of this Agreement, the parties shall first attempt to settle the dispute through mutual and amicable consultation.

In the event of agreement not being reached, the matter will be referred for arbitration by a Sole Arbitrator not below the level of retired Superintending Engineer, PWD to be appointed by the first party. The Arbitration will be conducted in accordance with the Arbitration and Conciliation Act, 1996. The decision of the Arbitrator shall be final and binding on both the parties. The Arbitrator shall give his award/decision within 60 days of start of proceedings

Signed and delivered by Sri. \_\_\_\_\_ for and on behalf of the Contractor

In the presence of the Witness:

i)

ii)

**SIGNATURE**

Signed and delivered by Sri \_\_\_\_\_ Deputy Executive Engineer/Executive Engineer/Superintending Engineer \_\_\_\_\_ of \_\_\_\_\_ for an on behalf of the Government.

In the presence of the Witness:

i)

ii)

**SIGNATURE**



## BILL OF QUANTITIES

### Annexure I

S.N.	Description of items	Qyn.	Unit	Rate (Rs.)	Amount(Rs.)	
					In words	In figure
1.	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	2	cum			
2.	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	100	sqm			
	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in-charge.	3	cum			
3.	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	10	cum			
4.	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area 3 sq. metres and below	4	each			
5.	Providing and fixing aluminum work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminum sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminum snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, panelling and dash fasteners to be paid for separately) : For fixed portion Anodised aluminum (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	700	Kg			
6.	Providing and fixing double glazed hermetically sealed glazing in aluminium windows, ventilators and partition etc. with 6 mm thick clear float glass both side, having 12 mm air gap, including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant (Both primary and secondary sealant) etc. as per specifications, drawings and direction of Engineer-in-charge complete	7	sqm			
7.	Providing and fixing aluminum handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :100 mm	20	each			
8.	Providing and fixing aluminum tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete : 200x10 mm	10	each			
9.	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminum lever handles of approved quality with necessary screws etc. complete.	3	each			
10.	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on both sides	25	sqm			
11.	Providing and fixing glazing in aluminum door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminum snap beading shall be paid in basic item): With float glass panes of 5.50 mm thickness	60	sqm			

12.	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade. New work (two or more coats) over and including water thinnable priming coat with cement primer	400	sqm			
13.	Providing and fixing of ISI mark Door closers	5	Each			
14.	12 mm cement plaster of mix 1:6 (1 cement : 6 fine sand)	100	Sqm			
15.	Providing and laying Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS:15622 , of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints Size of Tile 600x600 mm	300	Sqm			
16.	Providing and fixing 18 mm thick gang saw cut, mirror polished, pre-moulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.  Granite of any colour and shade	10	sqm			
17.	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture spintone/ cosmos / Hexa or equivalent of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main "T" runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main "T" at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to from grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calicum silicate ceiling tiles of approved texture (Spintone / Cosmos/hexa) in the grid, including, cutting/ making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main "T" runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main "T", bottom exposed with 24 mm of all Tsections shall be pre-painted with polyster baked paint, for all heights, as per specifications, drawings and as directed by engineer-in-charge. Note :- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/opening (cut outs) having area less than 0.30 sqm.The calicum silicate ceiling tile shall have NRC value of 0.50 (Minimum), light reflection > 85%, noncombustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity <0.043 w/m 0 KC.	80	sqm			
18.	Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections ( galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false	75	Sqm			

	<p>ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x 1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.</p> <p>GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop; made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.</p>					
19.	<p>Manufacturing, assembling. Transporting and placing in position knock down modular furniture such as office table, drawer unit, side rack, wall hung file storage cabinet, ward robe storage/ almirah etc configured of modular panels of particle board as per drawing, specifications and direction of the Engineer-in-Charge. All outer exposed edges of all the panels shall be covered and sealed with 2mm thick pvc edge banding tape, Rehau or Dolkin or equivalent make and all concealed and butt edges of all panes shall be covered and sealed with 0.70mm thick pvc edge banding tape of same make with hot melt glue on edge banding machine at 200° c temperature. All joinery fabrication work shall be done with mini fix fittings and plastic dowels in approved factory including cost of mini fix fittings, pvc cable wire manager, Nylon glides 20mm, plastic dowels etc. (cost of providing and fixing of fittings to modular furniture such as drawer slides, self closing spring loaded hinges, multipurpose locks , knob/handles etc shall be paid separately)</p> <p>18mm thick flat pressed, three layered pre- laminated particle board with both side decorative lamination (medium density) Grade I, type II conforming to IS:12823 (exterior grade)</p>	65 sqm	sqm			
20.	Providing and fixing MS power coated knob oval shaped handles of ITALICA or equivalent make patent no. 163465 with screws complete	30no.	Each			
21.	Providing and fixing multipurpose lock of Godrej/Plaza or equivalent make of approved brand and manufacturer to drawer of cub board with steel screws including making recess of required size in board and fixing of standard plate having groove meant for receiving locks lever in locked position etc complete as per direction of Engineer-in-Charge	20no.	each			
22.	Providing and fixing auto closing spring loaded hinges of Hettich/Ebco or equivalent make of approved brand to cupboard shutters with steel screws including making necessary recess in panel board and finished etc complete as per direction of Engineer-in-Charge	40no.	each			
23.	<p>Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes SDR 7.4, U V stabilized &amp; anti - microbial fusion welded, having thermal stability for hot &amp; cold water supply, including all PP - R plain &amp; brass threaded polypropylene random fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes testing of joints complete as per direction of Engineer in Charge.</p> <p><b>Internal work - Exposed on wall</b> PN - 16 Pipe, 40 mm OD</p>	100	metre			
24.	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 40 mm nominal bore	4	each			
25.	<p>Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : 20 mm nominal bore</p> <p>40 mm nominal bore</p>	8 4	each each			
	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal bore	16	each			

26.	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete : 50 to 80 mm nominal bore	2	each			
27.	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.					
	Group C	30	point			
28.	Providing and fixing following rating and breaking capacity and pole MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.					
	100 Amp, 16 KA,TPMCCB	3	Each			
28.	Wiring for circuit/ submain wiring in surface/ recessed steel conduit alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class pvc conduit as required					
28.1	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	250	Mtr			
28.2	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	50	Mtr			
28.3	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	250	Mtr			
28.4	2 X10 sq. mm + 1 X 10 sq. mm earth wire	100	Mtr			
29.	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. 40mm	50	Mtr			
30.	Supplying and fixing following way prewired vertical type TP&N MCB distribution board of steel sheet for 415 volts on surface/recess complete with loose wire box of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's, terminal connectors for all incoming and outgoing circuits, duly prewired with adequate size of FRLS PVC insulated copper conductor upto the terminal connector/ neutral link, earthing etc as required (But without MCB/ RCCB/ Isolator). (Note : Prewired vertical type MCB TPDB is normally used where 3 phase outlets are required.)					
30.1	4 way (4+12 ) Double door	1	each			
30.2	8 way (2+24 ) Double door	2	each			
31.	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
31.1	Single pole	60	each			
31.2	63 Amp 4 pole 415V Isolator	4	Each			
32.	Supplying and fixing of following size XLPE insulated and PVC sheathed alu. conductor armored power cable of 1.1 KV grade on the surface as reqd. (make Gloster / Havells/ Polycab/kalinga)					
	(a) 4 x 50 sq. mm	50	Mtr			
33.	SITC of Exhaust fan 12 inch 950 rpm i/c testing and commissioning etc. as reqd. (Bajaj/Khaitan/crompton/usha make)	4	Each			
34.	SITC of wall mounted cabin fan of 400 mm sweep i/c testing and commissioning etc. as reqd. (Bajaj/Khaitan/crompton/usha/ make)	12	each			
35.	Supplying and fixing of 8 modular GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 nos. of 6 pin 5/6 & 15/16 amps modular socket outlet and 2 nos. of 15/16 amps	30	Each			

	modular switch, connection etc. as required.(make :- North west /norysis/grabtree/roma)					
36.	Supplying and fixing of 3 modular GI box with modular plate and cover in front on surface or in recess, including providing and fixing 1 nos. of 6 pin 25 amps modular socket outlet and 1 nos. of 25 amps modular tiny trip MCB, connection etc. as required.(make :- North west /norysis/grabtree/roma)	25	Each			
37.	SITC of 36 watt energy efficiency recessed mounted LED luminaries suitable for 2 x 2 grid ceiling of one colors white in combination with profiled and flat diffuser : Lumen Output of 3300 lumens available in 4000 K & 5000 K color temperature constraint current electronic driver complete with all accessories i/c connection with 1.5 sq. mm PVC copper conductor single core cable & earthing etc. as reqd. ( Bajaj Make Model No:- 111777, BZRSQL 36W GIII NW / Wipro/Crompton/GE/Philips/ Twinkle)	30	each			
	<b>Total</b>					
	<b>Taxes, if any</b>					
	<b>Grand total</b>					

**Gross Total Cost : Rs. ....**

We agree to execute the works in accordance with the approved drawings and technical specifications at ..... percentage above/below the estimated rates, i.e., for a total contract price of Rs. ....(amount in figures ) (Rs. .... amount in words).

**Signature of Contractor**

*(Where there is a discrepancy between the amount in figures and words, the amount in words will prevail)*



**Format of certificate**

Certified that the works upto ----- stage(as defined in clause 3.1 of the Agreement) in respect of construction of ----- at ----- have been executed satisfactorily in accordance with the terms and conditions of the agreement and as per approved drawings and technical specifications.

Signature  
Name & Designation  
(Official address)

Place :  
Date :

Office seal

**PERFORMANCE BANK GUARANTEE**  
*(To be given from a nationalized or scheduled bank in India)*

To: \_\_\_\_\_ [name of Employer]  
\_\_\_\_\_ [address of Employer]

WHEREAS \_\_\_\_\_ [name and address of Contractor] (hereinafter called "the Contractor") has undertaken, in pursuance of Contract No. \_\_\_\_\_ dated \_\_\_\_\_ to execute \_\_\_\_\_ [name of Contract and brief description of Works] (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of \_\_\_\_\_ [amount of guarantee]<sup>1</sup> \_\_\_\_\_ [in words], such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of \_\_\_\_\_ [amount of guarantee]<sup>1</sup> as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until 28 days from the date of expiry of the Defects Liability Period.i.e. 06 months from the handing over the site

Signature and seal of the guarantor \_\_\_\_\_  
Name of Bank \_\_\_\_\_  
Address \_\_\_\_\_  
Date \_\_\_\_\_



**Instructions for Online Bid Submission:**

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

**REGISTRATION**

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “**Online bidder Enrollment**” on the CPP Portal which is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

**SEARCHING FOR TENDER DOCUMENTS**

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

## **PREPARATION OF BIDS**

- 1) Bidder should take into account any corrigendum published for the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

## **SUBMISSION OF BIDS**

- 1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 5) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

- 6) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 7) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 7) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) Upon the successful and timely submission of bids (ie after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 9) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

#### **ASSISTANCE TO BIDDERS**

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or Sh. Paritosh Kumar, I/c, Building upto 09.01.2017 on 011-43102418 or 45pkumar@gmail.co.in .
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

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