

BID DOCUMENT

ADDITION/ALTERATION IN H.NO.10
SECTOR 7 CHANDIGARH (PROVIDING
AND FIXING MS GATE HEIGHT 6 FEET
ALONG WITH WICKET GATE AS PER
STANDARD DESIGN/ DRAWING)



Last Date of Submission of tender (on-line): _____ 2023

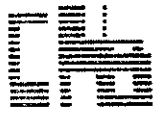
Website: <http://chandigarh.gov.co.in>

Tel: 0172-2511122

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EE-III



PART-I

CHANDIGARH HOUSING BOARD

TERDER NOTICE

Notice Inviting e-Tenders

Executive Engineer-III on behalf of the Chairman, Chandigarh Housing Board, Chandigarh invites sealed Percentage rate bids through e-Procurement process from the enlisted Agencies/Firms/Contractors/Tenderer having valid enlistment certificate issued by any one of the specified departments i.e. **UT Engineering Department/ Municipal Corporation Chandigarh/ CPWD / MES / Punjab PWD/ Haryana PWD & Himachal PWD and other State Government Departments, Board/ Corporations and Public Sector Undertakings** for the work of **ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH (PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG WITH WICKET GATE AS PER STANDARD DESIGN/ DRAWING).**

Estimated Cost:- Rs.1,18,697/- (Composite) Earnest Money:- Rs. 2400/-, Period of Completion:- 30 Days. Last date of submission of bid is __/__/2023 & date of opening of bid is __/__/2023.

For detail Milestone dates of Electronic Tendering are given at the website <http://etenders.chd.nic.in/nicgp>. Tel: 0172-4601722

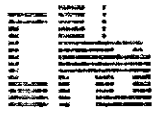
Executive Engineer-III
for & on behalf of Chairman
Chandigarh Housing Board,
Chandigarh


EE-III

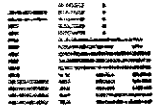
Detail Regarding Tendering Process

Name of work	ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH (PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG WITH WICKET GATE AS PER STANDARD DESIGN/ DRAWING)	
Estimated composite cost	Rs.1,18,697/-	
Period of completion	30 Days	
Name of the Employer	Chandigarh Housing Board	
Address of the Employer	Sector 9 D, Chandigarh	
Mode	E-Tendering	
Website	https://etenders.chd.nic.in/nicgep/app	
Integrity Pact duly filled, signed & stamped	The bidder must upload the copy of Integrity Pact duly filled, signed & stamped in the presence of witness along with other bid documents on the web site.	
Milestone Dates		
Downloading of e-tender document	Start date:	
	End date:	
Clarification regarding plans specifications schedule of quantities & set of terms	Start date:	
	End date:	
Date of submission of e-tender	Start date:	
	End date:	
Opening of technical bid (Online)		
Opening of price bid (Online)	To be intimated separately to all qualified bidders	
Bid validity period		
Earnest Money Deposit	<p>Earnest money Deposit of Rs.2400/- may be deposited by bank-to-bank transfer using SBI MOPS or RTGS/NET transfer through https://etenders.chd.nic.in portal.</p> <p>Bidder can submit their bid only after depositing Earnest money Deposit online.</p> <p>The amount of Earnest money Deposit is refundable and adjustable.</p> <p>The Earnest money Deposit shall be refunded online to the bidder account in case of all unsuccessful e-bids, provided it</p>	

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	<p>is not forfeited.</p> <p>The bidder must upload the copy of UTR No/ Transaction slip on the web site.</p>
Proformance Security	<p>The contractor, whose bid is accepted, will be required to furnish performance guarantee at specified percentage of the tendered amount as mentioned in Schedule E and within the period specified in Schedule E. This guarantee shall be in form of Insurance Surety, Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period specified in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.</p>



LIST OF DOCUMENT TO BE UPLOADED BY THE BIDDERS

1.	Fee
	i) EMD
2.	Post Qualification /Technical
	i. Check List
	ii. Integrity Pact Annexure-IV duly filled signed & stamped in the presence of a witness.
	iii. Letter of Transmittal as per attached proforma in Section-II.
	iv. Valid Enlistment certificate.
	v. Form 'B' Similar works during the last seven years
	vi. Form 'C' Performance Report of works given in Form 'B'.
	vii. Affidavit as per Annexure-I regarding no criminal proceedings and confirmation that eligible similar works have not been got executed on back to back basis
	viii. Certified copy of the power of attorney by the applicant in case of Non Consortium member as per Annexure-II
	ix. Certificate of Registration under GST.
	x. Copy of PAN
	xi. Certificate of registration with EPFO, ESIC (if available).
	xii. Any other document as specified in the bid document.
3.	Finance
	i. Financial Bid

NOTE: - Hard copies duly self attested of the documents except Financial Bid listed at Sr. No.3 above shall be submitted by the lowest bidder (L-1) to the Executive Engineer-III.

CHECK LIST TO ACCOMPANY THE 'ELIGIBILITY DOCUMENTS'

S. No.	Description	Remarks
1.	Whether the Earnest Money as per the Tender Notice has been deposited?	Yes / No
2.	Whether the Integrity Pact duly filled, signed & stamped in the presence of a witness has been uploaded?	Yes / No
3.	Whether valid Enlistment certificate issued by any one of the specified departments as per Tender Notice has been uploaded?	Yes / No
4.	Whether definite proof from appropriate authority of having completed satisfactorily Similar during the last seven years ending last day of the month previous to the one in which tender are invited has been uploaded?	Yes / No
5.	Whether the Form 'A' Letter of Transmittal as per attached proforma in Section-II has been uploaded?	Yes / No
6.	Whether the Form 'B' – Details of similar works completed during last 7 years has been uploaded?	Yes / No
7.	Whether the Form 'C' – Performance Report of works referred to in Form-B has been uploaded?	Yes / No
8.	Whether the Affidavit as per Annexure-I have been uploaded?	Yes / No
9.	Whether the Power of Attorney as per Annexure-II has been uploaded?	Yes / No
10.	Whether any additional condition in tender has been quoted?	Yes / No
11.	Whether the Scanned copies of self attested documents related to E.M.D. & other eligibility document has been uploaded along with the Bid?	Yes / No
12.	Whether all the statements, documents, certificates, uploaded owning responsibility for their correctness/ authenticity have been signed?	Yes / No
13.	Whether the Copy of Certificate of Registration under GST or Undertaking as per Notice Inviting Tender has been uploaded?	Yes/ No
14.	Whether the Copy of PAN has been uploaded?	Yes / No
15.	Whether the Certificate of registration with EPFO and ESIC has been uploaded?	Yes / No

DECLARATION

1. I/We _____ have carefully gone through all the conditions mentioned in the Bid Document and solemnly declare and affirm that I/we will abide by any penal action of CHB for disqualification or of black listing or determination of contract or any other action as deemed fit, taken by the Department against me/us, in the event of any of the contents of our this application, the statements, documents, and certificates produced by me/us have been found/declared to be false/fabricated without any liability on CHB.

2. I/We hereby further declare that the Tender has been completed and submitted by us in the manner prescribed in the document and consider myself/ourselves eligible and in possession of all the documents required.

3. I/We hereby also declare that, I/We have not been blacklisted/ debarred/ Suspended/ demoted by any department of Chandigarh Administration or in of any state/Union Territory of the Republic of India for any reasons what so ever.

Date

Signature of the Bidder (s)
(Full name in capitals)
Designation

**CHANDIGARH HOUSING BOARD
NOTICE INVITING TENDER**

(To be uploaded on website as Press Notice also)

1. Executive Engineer-III on behalf of the Chairman, Chandigarh Housing Board, Chandigarh invites sealed Percentage rate bids through e-Procurement process from the enlisted Agencies/ Firms/ Contractors/ Tenderer having valid enlistment certificate issued by any one of the specified departments i.e. UT Engineering Department/ Municipal Corporation Chandigarh/ CPWD / MES / Punjab PWD/ Haryana PWD & Himachal PWD and other State Government Departments, Board/Corporations and Public Sector Undertakings for the following work:-

Name of work and location.	Estimated cost put to Bid	Earnest Money	Period of completion	Last date & time of submission of Bid, copy of receipt of deposition of original EMD & other documents as specified in the NIT	Time & date of opening of Technical Bid.
ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH (PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG WITH WICKET GATE AS PER STANDARD DESIGN/ DRAWING)	Rs.1.18,697/-	Rs. 2400/-	30 Days	Refer Detail regarding tendering process of Bid - Document on website*	Refer Detail regarding tendering process of Bid Document on website*.

*Website for detail of Milestones dates of Electronic Tendering please refer <http://etenders.chd.nic.in/nicegp>

Initial criteria for Eligibility for tender.

- 1.1. Applicants who fulfill the following requirements shall only be eligible to apply.
- Should have valid Enlistment certificate issued by any one of the above specified departments on the last date of submission of the Bids.
 - Should have satisfactorily completed during the last seven years ending last day of the month previous to the one in which tender is invited.

EE-III

Three similar works each costing not less than Rs.47500/- or two similar works each of costing not less than Rs.71300/- or one similar work of costing not less than Rs.95000/-

'Similar work shall mean 'Civil work'.

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

~~e. At the time of submission of bid, contractor uploads Income tax returns and balance sheets duly audited/verified by the Chartered Accountant & Profit/Loss statement during the last three years ending 31st March of the previous year duly signed by the CA.~~

d. Firm(s)/Contractors against whom any criminal proceedings are pending in any court of law relating to any project executed by the firm, shall not be considered for post-qualification.

To become eligible, for e- tendering, the tenderer shall have to furnish an affidavit as per Annexure-I. All the documents shall be duly attested & counter signed by the Bidders.

e. GST registration Certificate, if already obtained by the bidder.

If the bidder has not obtained GST registration as applicable, then he shall scan and upload following undertaking along with other bid documents.

"If work is awarded to me, I/we shall obtain GST registration Certificate as applicable within one month from the date of receipt of award letter or before release of any payment by CHB, whichever is earlier, failing which I/We shall be responsible for any delay in payments which will be due towards me/us on a/c of the work executed and/or for any action taken by CHB or GST department in this regard".

Note: All the documents shall be duly attested & counter signed by the agency.

- Agreement shall be drawn with the successful Tenderer on the prescribed Format of CPWD Form 7, which is available for sale in the market. Tenderers shall quote their rates as per various terms and conditions of the said form which will form part of the agreement. However the definitions contained therein with regard to CPWD Department and other designated authorities may be read as under:-

As per General Conditions of Contract for Central P.W.D Works	To be read as
---	---------------

CPWD	CHB
President of India	Chairman, CHB
Govt. of India	Chandigarh Housing Board
Director General	Chairman, CHB
Additional Director General	Chief Executive Officer, CHB
Department	Chandigarh Housing Board

3. In this document the following words and expressions have the meaning hereby assigned to them:

EMPLOYER means the Chairman, Chandigarh Housing Board, acting through the Executive Engineer.

BIDDER/TENDERER/FIRM/ AGENCY/CONTRACTOR/APPLICANT means the individual, proprietary firm, firm in partnership, limited company private or public or corporation or Joint Venture Company.

"Year" means "Financial Year" unless stated otherwise.

CHB/ Board means "Chandigarh Housing Board"

4. The time allowed for carrying out the work will be 30 days from the date of start as defined in Schedule 'F' of Financial Bid in Part-III of this document or from the first day of handing over of the site, whichever is later in accordance with the phasing, if any, indicated in the Tender Document. In case of non-handing over of any part of site, the extension in time limit for the proportional delay shall be allowed as per the agreement.
5. (i) The Site for the work is available.
(ii) The architectural and structural drawings shall be made available in phased manner, as per requirement of the same as per approved programme of completion submitted by the contractor after award of work.
6. Bid document consisting of plans, specifications, the schedule of quantities of the various classes of work to be done and the set of terms and conditions of the contract to be complied with by the Contractor whose bid may be accepted and other necessary documents, can be seen in the office of the Executive Engineer-III between 11.00 AM. & 3.00 PM from _____ 2023 to _____ 2023 everyday except on Saturdays, Sundays and Public Holidays.
7. Downloading and submission of Tender including Financial Bid will be done by e-Procurement process through the Chandigarh Administration web site: <http://ctenders.chd.nic.in/niegp>.

The agency shall upload Scanned copy of documents (duly attested and counter signed by agency) related to "Earnest Money Deposit" and "Eligibility Documents". After submission of the bid the contractor can re-submit revised

- bid any number of times but before stipulated time and date of submission of bid as notified.
8. Notice Inviting Tender excluding 'General Condition of Contract for Central PWD Works' with latest amendments (available in market for sale & available on official website of CPWD <http://cpwd.gov.in>) for execution of this work, can be downloaded from Chandigarh Administration web site <http://chandigarh.gov.in>. Bid document shall not be available on Chandigarh Administration website after the stipulated date & time for downloading.
 9. Earnest money amount will have to be deposited as mentioned in Detail Regarding Tendering Process in shape as prescribed.
 10. The bid submitted shall become invalid if:
 - a) The bidder is found ineligible.
 - b) The bidder does not upload scanned copies of all the documents stipulated in the bid document.
 - c) Any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
 - d) A tenderer does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
 - ~~11. Pre-Bid Conference shall be held on the date mentioned in Detail Regarding Tendering Process in the CHB Board Room in Block-B, CHB Office Building Complex at 8 Jan Marg, Sector 9, Chandigarh.~~
 12. The department reserves the right to reject any or all the prospective applications without assigning any reason and/or to restrict the list of qualified contractors to any number as deemed suitable by it, if too many bids satisfying the laid down criteria have been received.
 13. The bidder, whose tender has been accepted, will be required to furnish 'Performance Guarantee' as mentioned in Detail Regarding Tendering Process.
 14. The description of the work is as follows:

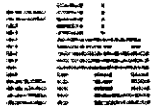
**ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH
(PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG WITH
WICKET GATE AS PER STANDARD DESIGN/ DRAWING)**

Copies of other drawings and documents pertaining to the works will be open for inspection by the Tenderers at the office of the concerned EE of CHB. Tenderers are also advised to carefully 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

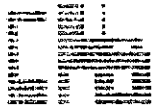
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circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not. CHB will not accept any liability arising later on consequent to any misunderstanding or otherwise on the part of the tenderer. 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 execution of the work unless otherwise specifically provided for in the contract document. 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. if any are issued to him by the CHB and local conditions and other factors having a bearing on the execution of the work.

15. The competent authority on behalf of the Chairman, CHB does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without assigning any reason. **All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer, the same shall be summarily rejected.**
16. 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.
17. The competent authority on behalf of the Chairman, Chandigarh Housing Board reserves with 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 rate quoted.
18. The contractor shall not be permitted to tender for works in the CHB. (responsible for award and execution of contracts) in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (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 the Chandigarh Housing Board. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
19. 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 one year after his retirement from Government service, without the prior permission of the Chairman, CHB 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 Chairman, CHB as aforesaid before submission of the bid or engagement in the contractor's service.
20. The tenders for the work shall remain open for acceptance for a period of 75 days from the last date of opening of bids.



- i. If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department within 7 days after last date of submission of bids, then the CHB shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
 - ii. If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bids, then the CHB shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
 - iii. In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of the same work.
21. This '**Bid Document**' shall form a part of the contract document. The successful tenderer/Bidder/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:
- a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender as up loaded at the time of invitation of tender and the rates quoted on line at the time of submission of the Bid and acceptance thereof together with any correspondence leading there to.
 - b) General condition of contract for Central PWD works 2023, tender form of CPWD 7 as amended from time to time issued up to the last date of receipt of tender or other Standard C.P.W.D. Form as applicable.
22. The intending bidders are required to update their profile in Chandigarh Administration e- tender portal and to upload their bids well in advance of last date of submission of tender. Any issue related to updating profile/uploading tender can be resolved through the concerned Executive Engineer/ Assistant Engineer (Phone no *0172-2511122(EE-III), 0172-2511165 (Sh. Harbhajan Singh SDE) e- mail Id info@chbonline, or NIC helpline no. 0120-4711508, 0120-4001002 for technical issue. The e-tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest.
23. In case any discrepancy is noticed between the documents as uploaded at the time of submission of the bid online and hard copies as submitted physically in the office of Executive Engineer, then the bid submitted shall become invalid and the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said Earnest Money as aforesaid. Further the tenderer shall not be allowed to participate in the re-tendering process of the



work.

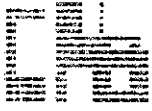
24. Any incorrectness/ deviation if noticed in the documents submitted by the agency, the same shall be viewed seriously and apart from cancellation of the work/tender, forfeiture of EMD, Criminal action will be initiated including suspension of business.
25. The tenderer is liable to be blacklisted as per policy of Chandigarh Administration 2009 and the EMD will be forfeited if he has been found to have misled or has furnished false information in the forms / statements / certificates/online information submitted by him as proof in support of qualification requirements or record of performance such as abandoning of work not properly completed in earlier contracts, inordinate delays in completion of the works etc. etc. Further, if this contract has been awarded, the same shall be rescinded including forfeiture of EMD and Performance Guarantee.
26. Any contractor offering lower rates after the opening of tenders shall be liable to be black-listed.
27. All disputes concerning in any way with this work are subject to Chandigarh jurisdiction only.
28. Before the last date for submission of Tenders, the Tender Inviting Officer may modify any of the Contents of the Tender Notice. Tender documents by issuing amendment/ Addendum.
29. Any addendum/ amendments issued by the Tender Inviting Officer shall be part of the Tender Document.
30. To give prospective Tenderer reasonable time to take an addendum into account in preparing their bids, the Tender Inviting Officer may extend if necessary, the last date for submission of tenders.
31. The Executive Engineer will evaluate whether each Tenderer is satisfying the eligibility criteria prescribed in the tender document and declares them as a qualified Tenderer and selected for next stage of opening of Price Bid.
32. If the technical bid of a Bidder is not satisfying any of the eligibility criteria it will be rejected by the Executive Engineer.
33. If any alteration is made by the Bidder in the Bid documents, the conditions of the contract, the drawings, specifications or statements/ formats or quantities the tender will be rejected.
34. Bidder shall be scrutinized in accordance with the conditions stipulated in the Tender document. In case of any discrepancy of non-adherence Conditions the Tender accepting authority shall communicate the same which will be binding both on the tender Opening authority and the tenderer. In case of any ambiguity, the decision taken by the Tender Accepting Authority on tenders shall be final.
35. The Executive Engineer will evaluate and compare the price bids of all the qualified Tenderer.
36. The Bidder is advised to attach any additional information, which he thinks to be necessary in regard to his capabilities. No further information will be

entertained after submission of application unless it is called for by the Board. The Board reserves the right to call for additional information & clarification of information submitted by the Tenderer.

37. The cost incurred by the Bidder in preparing this application, in providing clarifications or attending discussions/ conferences in connection with this document shall be borne by the Tenderer and the Board in no case will be responsible or liable for these costs, regardless of the conduct or out come of the process.
38. During execution of the work, if found that the contractor had produced false/ fake certificates of experience he will be black listed and the contract will be terminated
39. The department reserves the right to reject any prospective application without assigning any reason.

Executive Engineer-III.
Chandigarh Housing Board
Chandigarh.


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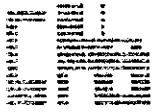


**CHANDIGARH
HOUSING BOARD**
A CHANDIGARH ADMINISTRATION UNDERTAKING

ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH
(PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG
WITH WICKET GATE AS PER STANDARD DESIGN/ DRAWING)
Bid Document

PART-II

EE-III



**CHANDIGARH
HOUSING BOARD**

A CHANDIGARH ADMINISTRATION UNDERTAKING

ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH
(PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG
WITH WICKET GATE AS PER STANDARD DESIGN DRAWING)
Bid Document

PART-II

DOCUMENT RELATED TO ELIGIBILITY CRITERIA AND OTHER RELATED DOCUMENTS



FORM-A

LETTER OF TRANSMITTAL

From:
(agency name & address)

To
Executive Engineer-III,
Chandigarh Housing Board,
Chandigarh.

Sub: **Submission of Bid for the work ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH (PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG WITH WICKET GATE AS PER STANDARD DESIGN/ DRAWING).**

Sir/Madam

Having examined the details given in the bid document for the above work, I/we hereby submit the relevant information.

1. I/ we hereby certify that all the statements made and information supplied in the enclosed Forms A to D and accompanying statement are true and correct.
2. I/ we have furnished all information and details necessary for eligibility and have no further pertinent information to supply.
3. I/ We submit the Following certificates in support of our suitability, technical know how and capability for having successfully completed the following eligible similar works:-

Sr. No.	Name of work/Project and location	Certificate from
1		
2		
3		

Certificate:-

It is certified that the information given in the enclosed eligibility bids are correct. It is also certified that I/we shall be liable to be debarred, disqualified/ cancellation of enlistment in case of any information furnished by me /us found to be incorrect.

Enclosures:

Seal of bidder

Date of submission

SIGNATURE(S) OF BIDDER(S)


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FORM B

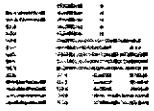
Details of Eligible Similar nature of works completed during the last seven years ending previous day of last date of submission of bid.

S. No.	Name of work/ project and location	Owner or sponsoring organisation	Cost of work in crores of rupees	Date of commencement as per contract	Stipulated date of completion	Actual date of completion	Litigation / arbitration cases pending / in progress with details*	Name and address/ telephone number of officer to whom reference may be made
1	2	3	4	5	6	7	8.	9

*Indicate gross amount claimed and amount awarded by the Arbitrator.
For details attached separate sheet.

SIGNATURE OF BIDDER(S)

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FORM 'C'

PERFORMANCE REPORT OF WORKS REFERRED TO IN FORM "B"

1.	Name of work/Project & Location	
2.	Owner or sponsoring organization	
3.	Agreement No.	
4.	Estimated Cost	
5.	Tendered Cost	
	i. Allotted Amount	
	ii. Actual completed cost	
6.	Date of Start	
7.	Date of completion	
(i)	Stipulated date of completion	
(ii)	Actual date of completion.	
8.	a) Whether case of levy of compensation for delayed has been decided or not.	
	b) if decided, amount of compensation levied for delayed completion if any.	
	c) Litigation/arbitration cases Pending/in progress with details	
9.	Whether the work was done on back to back basis (yes / no)	
10.	Performance Report	
1)	Quality of Work	Outstanding/Very Good/ Good / Poor
2)	Financial soundness	Outstanding/Very Good/ Good / Poor
3)	Technical Proficiency	Outstanding/Very Good/ Good / Poor
4)	Resourcefulness	Outstanding/Very Good/ Good / Poor
5)	General behavior	Outstanding/Very Good/ Good / Poor

Certified that M/s has completed the above work with as per details mentioned above.

Dated:

Executive Engineer or Equivalent

[Signature]
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ANNEXURE-I

SPECIMEN PROFORMA FOR THE AFFIDAVIT TO BE SUBMITTED BY THE APPLICANT ALONG WITH OTHER DOCUMENTS.

(On Judicial Stamp paper duly attested by 1st class Magistrate or Notary Public)

I, _____ S/o Sh. _____ authorized representative of _____ with its office at _____ solemnly affirm and declare as under on behalf of the firm:-

- 1) I/We in the name and style of _____ had applied for the work **ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH (PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG WITH WICKET GATE AS PER STANDARD DESIGN/ DRAWING)**
- 2) The undersigned hereby certify that there is no criminal proceedings pending/ ongoing in any court of law regarding any construction project executed by me/us.
- 3) The undersigned hereby certify that all the documents and information submitted with the tender/Bid are 'True' & I/We stands fully responsible as per law for their genuineness and correctness.
- 4) I/we undertake and confirm that the eligible similar works has/have not been got executed through another contractor on back to back basis. Further that if such a violation comes to the notice of the department then I/we shall be debarred for tendering in CHB in future forever. Also if, such a violation comes to the notice of the department before the date of start of work then the CHB shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee deposited.

Place: _____
Dated: _____

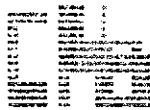
Authorized Signatory of
firm/Deponent

VERIFICATION:

I the above named signatory/deponent do hereby solemnly affirm & declare that the contents of this affidavit are true to the best of my knowledge & nothing has been concealed therein.

Place: _____
Dated: _____

Authorized Signatory of
firm/Deponent



ANNEXURE-II

FORMAT FOR POWER OF ATTORNEY- by all individual Applicants

(on judicial Stamp paper duly attested by First Class Magistrate/Notary)

Dated: _____

To whomsoever it may Concern

Know all men by these presents, we _____ (name and registered office address of the Applicant) do hereby constitute, appoint and authorize Mr. _____ (Name of the Person(s)), domiciled at _____ (Address), acting as _____ (Designation and the name of the firm), as Authorized Signatory and whose signature is attested below, as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our request for prequalification work of _____ including signing and submission of all documents and providing information and responses to clarifications/enquiries etc. as may be required by CHB and signing of agreement if awarded the said work.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

For _____

(Signature)

(Name, Title and Address)

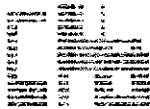
Accept

(Attested signature of Mr. _____)

(Name, Title and Address of the Attorney) _____

Notes:

- To be executed by the Applicant
- The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.
- Also, wherever required, the executant(s) should submit for verification the extract of the charter documents and documents such as a resolution / power of attorney in favor of the Person executing this Power of Attorney for the delegation of power hereunder on behalf of the executant(s)



ANNEXURE-III

On non-judicial stamp paper of minimum Rs.100/-

(Guarantee offered by Bank to CPWD in connection with the execution of contracts)

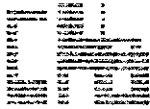
**Form of Bank Guarantee for Performance Guarantee/Security Deposit/Mobilization
Advance**

1. Whereas the Executive Engineer-III, on behalf of the Chairman, CHB (hereinafter called "The Government") has invited bids under _____ (NIT number) _____ dated for **ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH (PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG WITH WICKET GATE AS PER STANDARD DESIGN/ DRAWING)**

OR**

Whereas the Executive Engineer _____ (name of division) CHB, Chandigarh on behalf of the Chairman, CHB (hereinafter called "The Government") has entered into an agreement bearing number with _____ (name and address of the contractor) _____ (hereinafter called "the Contractor") for execution of work _____ (name of work) _____. The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. _____/- (Rupees _____ only) valid up to _____ (date)* _____ as **Performance Guarantee/Security Deposit/Mobilization Advance** from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.

2. We, _____ (indicate the name of the bank) _____ (herein after referred to as "the Bank"), hereby undertake to pay to the Government an amount not exceeding Rs. _____/- (Rupees _____ only) on demand by the Government within 10 days of the demand.
3. We, _____ (indicate the name of the Bank) _____ do here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____/- (Rupees _____ only).
4. We, _____ (indicate the name of the Bank) _____, further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the contractor shall have no claim against us for making such payment.



5. We, _____ (indicate the name of the Bank) _____ further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said contractor or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6. We, _____ (indicate the name of the Bank) _____ further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.
7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
8. We, _____ (indicate the name of the Bank) _____, undertake not to revoke this guarantee except with the consent of the Government in writing.
9. This Bank Guarantee shall be valid up to _____, unless extended on demand by the Government. Notwithstanding anything mentioned above. Our liability against this guarantee is restricted to Rs. _____/- (Rupees _____ only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

Date _____

Witnesses:

1. Signature _____
Name and address _____

Authorized signatory
Name _____

Designation _____
Staff code no. _____
Bank seal _____

2. Signature _____
Name and address _____

*Date to be worked out on the basis of validity period of 90 days where only financial bids are invited and 180 days for two/three bid system from the date of submission of tender.

** In paragraph 1, strike out the portion not applicable. Bank Guarantee will be made either for earnest money or for performance guarantee/Security deposit/mobilization advance, as the case may be.

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ANNEXURE-IV

To be signed by the bidder and same signatory competent/ authorised to sign the relevant contract on behalf of CHB.

INTEGRITY PACT

(Integrity Pact is applicable for all works of estimated cost put to the tender equal to or more than the threshold value given in Schedule-F)

This Integrity Agreement is made at..... on this day of..... 20....

BETWEEN

Chairman, Chandigarh Housing Board represented by the Engineer-in-Charge (hereinafter referred to as the Principal, which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assignees)

AND

(Name and address of the bidder)

(Hereinafter referred to as the Bidder/Contractor and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assignees)

Preamble

WHEREAS the Principal has floated the tender (NIT No.) (hereinafter referred to as Tender) and intends to award, under laid down organizational procedure, contract for **ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH (PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG WITH WICKET GATE AS PER STANDARD DESIGN/ DRAWING)** hereinafter referred to as the "Contract".

AND WHEREAS the Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as Integrity Pact), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this integrity Pact witnesses as under:

Articles

Article I: Commitment of the Principal

- 1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:
 - (a) No employee of the Principal, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - (b) The Principal will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal will, in particular, before and during the Tender process, provide to a Bidder(s) the same information and we not provide to any Bidder(s) confidential/ additional information through which the

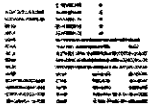

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Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.

- (c) The Principal shall endeavor to exclude from the Tender process any person, whose conduct in the past has been of biased nature.
- 2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/ Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article 2: Commitment of the Bidder(s)/Contractor(s)

1. It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Department all suspected acts of fraud or corruption or Coercion or Collusion of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.
2. The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:
 - (a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.
 - (b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.
 - (c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - (d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participates in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent parallel tender for the same item.



- (e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.
3. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
 4. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice, willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.
 5. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use coercive practices (which shall include the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property) to influence their participation in the tendering process.

Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the Principal under law or the contract or its established policies and laid down procedures, the Principal shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Principal absolute right:

1. If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal after giving 14 days notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal. Such exclusion may be forever or for a limited period as decided by the Principal.
2. Forfeiture of Earnest Money Deposit Performance Guarantee/Security Deposit: If the Principal has disqualified the Bidder(s) from the Tender process prior to the award of the contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal apart from exercising any legal rights that may have accrued to the Principal, may in its considered opinion forfeit the entire amount of Earnest Money Deposit Performance Guarantee and Security Deposit of the Bidder/Contractor.
3. Criminal Liability: If the Principal obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of PC Act, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to law enforcing agencies for further investigation.

Article 4: Previous Transgression

1. The Bidder declares that no previous transgressions occurred in the last 3 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the tender process.
2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken for banning of business dealings/holiday listing of the Bidder/Contractor as deemed fit by the Principal.
3. If the Bidder/Contractor can prove that he has resorted/recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal may, at its own discretion, revoke the exclusion prematurely.

Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors

1. The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement by any of its Subcontractors/sub-vendors.
2. The Principal will enter into pacts on identical terms as this one with all Bidders and Contractors.

Article 6- Duration of the Pact

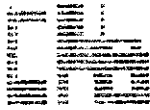
This Integrity Pact begins when both the parties have legally signed it. It expires for the Contractor 12 months after the completion of work under the contract or expiry of defect liability period or last payment made under the contract, whichever is later and for all other bidders, 6 months after the Contract has been awarded.

If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this Integrity Pact as specified above, unless it is discharged/determined by the ADG/SDG, CPWD concerned.

Article 7- Other Provisions

1. This Integrity Pact is subject to Indian Law, place of performance and jurisdiction is the Head quarters of the Division of the Principal, who has floated the tender.
2. Changes and supplements as well as termination notice need to be made in writing.
3. If the Contractor is a partnership or a consortium, this Integrity Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Integrity Pact must be signed by a representative duly authorized by board resolution.
4. Should one of several provisions of this Integrity Pact turn out to be invalid: the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
5. It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Pact, any action taken by the Principal in accordance with this Integrity Pact or interpretation thereof shall not be subject to arbitration.
6. In view of the nature of integrity pact, the Integrity Pact is irrevocable and shall remain valid even if the main tender/contract is terminated till the currency of the integrity pact.

Article 8- Legal and Prior Rights



CHANDIGARH HOUSING BOARD

A CHANDIGARH ADMINISTRATION UNDERTAKING

ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH
(PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG
WITH WICKET GATE AS PER STANDARD DESIGN DRAWING)
Bid Document

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard to any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

(For and on behalf of Principal)

(For and on behalf of Bidder/Contractor)

WITNESSES:

1

(Signature, name and address)


2

(Signature, name and address)

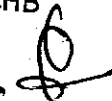
Place:


Dated :

Note: To be signed by the Bidder and the Engineer-in-Charge


Surinder Singh
EE-27/III/44, CHB


Surinder Singh
EE-27/III/44, CHB


(ANAND GUPTA)
MDM


Sunita Rani
Super-fy


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FORMAT OF INDEMNITY BOND.

(To be furnished in Stamp paper as per Stamp Act)

(At presents not less than Rs.80/-Stamp paper)

This deed of indemnity executed by hereinafter referred to as Indemnifier which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators, representative and assignees in favour of Chandigarh Housing Board, hereinafter to as the indemnified which expression shall unless repugnant to the context of meaning thereof, include its successors and assignees witness us to.

Whereas the indemnified herein has awarded to the Indemnifier therein a contract for the ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH (PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG WITH WICKET GATE AS PER STANDARD DESIGN/ DRAWING) terms and conditions set out interalia in contract/Award No. _____ valued at Rs. _____ only)

And whereas the above mentioned contract provides for ' _____ ' as per terms & conditions of the contract.

The indemnifier hereby irrevocably agrees to indemnify the indemnified that he shall be liable for and shall also indemnify the CHB and its employees against all liabilities, losses, claims, demands, proceeding, damages, costs, charges and expenses and further agrees to defend, indemnify and hold the Board and its employees harmless from any penalty whatsoever in respect of any injury or damage to any property of to personals during the execution of work or by the action of any central or state or local authority for violation by the contractor or sub-contractor engaged on the work in respect of his contractual obligations emanated from the contract already referred to the extent of Rs. _____/- Rupees _____ only)

This indemnity shall be in force up to the date of the item from our end.

Name

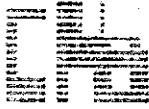
Designation

WITNESS:

1.

2.


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**CHANDIGARH
HOUSING BOARD**

A CHANDIGARH ADMINISTRATION UNDERTAKING

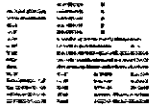
ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH
(PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG
WITH WICKET GATE AS PER STANDARD DESIGN/ DRAWING)
Bid Document

PART-III

FINANCIAL BID

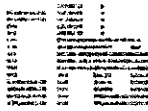
**Special Conditions and other related
documents for submission of Financial Bid**





INSTRUCTIONS FOR CONTRACTORS

1. Tender to be witnessed at page No. ~~34~~ of Tender Documents.
2. The tender/ tenders containing conditions contrary to those specified in this document shall be summarily rejected.
3. In Schedule - 'A' appended to the Tender Documents, the %age rate must be filled both in words and figures. Accordingly, the overall quoted amount of the tender should be worked out.
4. The contractor(s) shall quote the rates keeping in mind, 'General Conditions of Contract of CPWD Works-2023' as amended from time to time, special contract conditions and particular specifications enshrined under the Bid Document etc.
5. It may be noted that in the present Contract Clause 10 ee is 'Not Applicable'.



PART- A

CPWD FORM- 7 including Schedule A to F
For
Major Component of the work

Standard General Conditions of Contract for CPWD 2023 or latest addition as applicable with all amendments/ modifications	Available in market for sale/ CPWD website.
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C.H.B.-C.P.W.D - 7

CHANDIGARH HOUSING BOARD

STATE	U.T. Chandigarh	CIRCLE	I
BRANCH	Civil	DIVISION	III. CHB
ZONE	Chandigarh	SUB DIVISION

PERCENTAGE/ ITEM RATE TENDER & CONTRACTS FOR WORKS

A Tender for the work of **ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH (PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG WITH WICKET GATE AS PER STANDARD DESIGN/ DRAWING).**

To be opened in presence of tenderers who may be present at _____ Hours on ___/___/2023 in the office of Executive Engineer-III, Chandigarh Housing Board, Chandigarh.

Downloaded by _____ (contractor)

TENDER

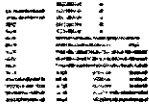
I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F, Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the Chairman, CHB within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for Seventy five (75) days from the last day of receipt of bids and not to make any modifications in its terms and conditions.

A sum of **Rs. 2400/-** has been deposited by bank-to-bank transfer using SBI MOPS or RTGS/ NEFT transfer through <https://ctenders.chd.nic.in> portal. A copy of UTR No/ Transaction slip is scanned & uploaded. If I/we, fail to furnish the prescribed performance guarantee within prescribed period, I/we agree that the said Chairman, CHB or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said Earnest Money absolutely. Further, if I/we fail to commence work as specified, I/we agree that Chairman, CHB or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said Performance Guarantee absolutely, otherwise the said Performance Guarantee shall be a Guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be


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determined in accordance with the provision contained in Clause 12.2, 12.3 and 12.5 of the tender form.

Further, I/We agree that in case of forfeiture of Earnest Money or Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/we undertake and confirm that the eligible similar works has/have not been got executed through another contractor on back to back basis. Further that if such a violation comes to the notice of the department then I/we shall be debarred for tendering in CHB in future forever. Also if, such a violation comes to the notice of the department before the date of start of work then the Engineer-in-charge shall be free to forfeit the entire amount of Earnest Money/ Performance Guarantee.

I/We hereby declare that I/we shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information derived there from to any person other than a person to whom I/we am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Signature of the contractor

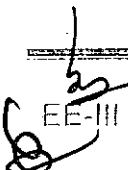
Postal Address

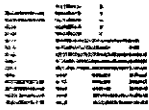
Dated: _____

Witness: _____

Address: _____

Occupation: _____


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ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Chairman, Chandigarh Housing Board, for a sum of Rs. _____ (Rs. _____)

The letters referred to below shall form part of this contract Agreement--

- a)
- b)
- c)

For & on behalf of the Chairman,
Chandigarh Housing Board
Chandigarh.

Signature

Dated

Designation

PROFORMA OF SCHEDULES

SCHEDULE "A"

Major Component i.e. Civil Work (Building Work)

Schedule of Quantities for Civil Work (Enclosed) which starts at page 44

SCHEDULE "D"

Extra schedule for specific requirements/ documents for the work if any:-	Nil
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SCHEDULE "E"

Reference to General Conditions of contract of 2023 with amendments upto date

i)	Name of Work	ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH (PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG WITH WICKET GATE AS PER STANDARD DESIGN/ DRAWING)
ii)	Estimated cost of Work	Rs.1,18,697/-.
iii)	Earnest Money	As mentioned in Detail regarding Tendering Process.
iv)	Performance Guarantee	5% of the tendered value
v)	Security Deposit	2.5% of tendered value

SCHEDULE "F"

GENERAL RULES AND DIRECTIONS

Officers inviting tender :-	Executive Engineer-III, Chandigarh Housing Board, Chandigarh.
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clause 12.2, 12.3 & 12.5	Refer Clause-12.
Definitions	
2(vi) Engineer-in charge	Executive Engineer-III, Chandigarh Housing Board, Chandigarh.
2(viii). Accepting Authority	Chandigarh Housing Board, Chandigarh.
2(x) (a) Percentage on cost of materials and labour to cover all overheads and profit	7.5% CP & 7.5 % OH.
2(xi) Standard Schedule of Rates	Delhi Schedule of Rates (DSR) 2023 with correction slips issued up to the last date of submission of bid.
2(xii) Department	Chandigarh Housing Board, Chandigarh

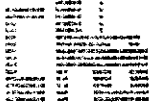
EE-III

9(ii) Standard CPWD Contract form		GCC-2023: CPWD form 7 as modified & corrected up to last date of receipt of tender.	
Clause 1			
i) Time allowed for submission of Performance Guarantee, programme chart (Time and progress) and applicable labour licenses, registration with EPFO, ESIC and BOCW welfare board or proof of applying there of from the date of issue of letter of acceptance		7 Days	
ii) Maximum allowable extension beyond the period provided in 'i.' above Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above		15 days	
Clause 2			
Authority for fixing compensation under clause-2		Superintending Engineer, CHB	
Clause 5			
Number of days from the date of issue of letter of acceptance for reckoning date of start Mile stone(s) as per table given at Page No:46		15 days	
Time allowed for execution of work		30 days	
Authority to decide:			
(i) Extension of time		Superintending Engineer	
(ii) Rescheduling of mile stones		Superintending Engineer	
(iii) Shifting of date of start in case of delay in handing over of site		Superintending Engineer	
Clause 5			
Number of days from the date of issue of letter of acceptance for reckoning date of start Mile stone(s) as per table given below:-		15 days	
Sl No.	Description of Milestone (Physical)	Time Allowed in days (from date of start)	Amount to be with-held in case of non achievement of milestone
1			
2			
3			
4			
Time allowed for execution of work.		30 days	
PROFORMA OF SCHEDULES Clause 5 Schedule of handing over of site			
Sl No.	Portion of site	Description	Time Period for handing over reckoned from date of issue of letter of intent.
PART A	Portion without any hindrance	100%	
PART B	Portions with encumbrances		

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PART C	Portions dependent on work of other agencies		
Complete Site		15 Days	
Clause 7	Gross work to be done together with net payment/ adjustment of advances for materials collected, if any, since the last such payment for being eligible to interim payment.	Rs.50000/- subject to one payment per month. (However bill of lesser amount may be paid as per discretion of EIC)	
Clause 7A	Whether Clause 7A shall be applicable.	Yes; Applicable	
Clause 8A	Authority to decide compensation on account, if Contractor fails to submit completion plans.	Executive Engineer in Charge of Major Component.	
Clause 10 A	List of testing equipments to be provided by the contractor at site lab.	Not Applicable	
Clause 10 B (ii)	Whether Clause 10 B (ii) shall be Applicable	Not applicable	
Clause 10 C	Component of labour expressed as percent of value of work	Not applicable.	
Clause 10 CC		Not applicable	
Clause 11	Specification to be followed for execution of work.	CPWD Specifications with correction slips upto date.	
Clause 12	Authority to decide deviation upto 1.5 time of tendered amount	Tender Approving authority.	
12.2 & 12.3	Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for building work		
12.4	(i) Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for foundation work (except items mentioned in earth work subhead in DSR and related items) (ii) Deviation Limit for items mentioned in earth work subhead of DSR and related items		
	The deviation limit for construction work	100%	
Clause 16			

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CHANDIGARH HOUSING BOARD

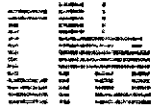
A CHANDIGARH ADMINISTRATION UNDERTAKING

ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH
(PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG
WITH WICKET GATE AS PER STANDARD DESIGN/ DRAWING)

Bid Document

Competent authority for deciding reduced rates.	Superintending Engineer, CHB
Clause 18	
List of mandatory machinery, Tools & Plants to be deployed by the contractor at site	All Tool & Plants, Safety equipments, ladder etc.. required as per CPWD specifications
Note: The above listed T&P can be modified as per site requirement and direction of Engineer-in-Charge.	
Clause 19	
Clause 19 C	Rs.1000/- penalty for each default.
Clause 19 D	Rs.1000/- penalty for each default.
Clause 19 G	Rs.1000/- penalty for each default.
Clause 19 K	Rs.1000/- penalty for each default.
Clause 25	
(i) Conciliator:	CEO CHB
(ii) Arbitrator Appointing Authority:	CE CHB
(iii) Place of Arbitration:	UT, Chandigarh
Clause 32	Not applicable
Requirement of technical representative(s) and recovery rates	
Clause 34(i)	
Extent of GST payable by Contractor for Building and Construction works.	GST 18% Applicable. Any Increase/ decrease in the rate of GST as on the last date/ extended date of submission of tender will be adjusted accordingly
Clause 38	
i)	a) Schedule/statement for determining theoretical quantities of cement on the basis of Delhi Schedule of Rates 2023 printed by CPWD.
ii)	Variation permissible on theoretical quantities
a) Cement	3% plus/minus
b) Bitumen for all works	2.5% plus only & nil on minus side.
c) Steel reinforcement and structural steel sections for each diameter, section and category.	2% plus/minus
d) All other material	NIL


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ABSTRACT OF COST

Name of Work: - **ADDITION/ALTERATION IN H.NO.10 SECTOR 7
CHANDIGARH (PROVIDING AND FIXING MS GATE
HEIGHT 6 FEET ALONG WITH WICKET GATE AS PER
STANDARD DESIGN/ DRAWING).**

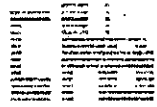
Sub Head	Amount
EARTH WORK	3317.00
CEMENT CONCRETE (CAST IN SITU)	14588.00
MASONRY WORK	28826.00
WOOD AND P. V. C. WORK	12569.00
STEEL WORK	32026.00
FINISHING	11100.00
Dismantling and Demolishing	4314.00
ROAD WORK	16010.00
Total	122750.00
Credit of old material demolishing of existing gate	(-4053.00)
Grand Total	118697.00


Executive Engineer-III,
Chandigarh Housing Board,
Chandigarh.

SCHEDULE OF QUANTITIES FOR THE WORK ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH (PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG WITH WICKET GATE AS PER STANDARD DESIGN/ DRAWING).

S.No.	Description	Qty	Unit	Rate	Amount	Sub Head Total
	EARTH WORK					3317.00
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge.					
	All kinds of soil	5.43 cum	cum	178.38	969.00	
2	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	1.1 cum	cum	2134.26	2348.00	
	CEMENT CONCRETE (CAST IN SITU)					14588.00
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					
	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	0.49 cum	cum	8382.14	4107.00	

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S.No.	Description	Qty	Unit	Rate	Amount	Sub Head Total
4 (b)	1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	1.6 cum	cum	6550.87	10481.00	
	MASONRY WORK					28826.00
4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :					
3	Cement mortar 1:6 (1 cement : 6 coarse sand)	3.15 cum	cum	9151.02	28826.00	
	WOOD AND P. V. C. WORK					12569.00
5	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).					
3	Kiln seasoned and chemically treated hollock wood	0.15 cum	cum	83790.77	12569.00	
	STEEL WORK					32026.00
6	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	238.36 kg	kg	134.36	32026.00	

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S.No.	Description	Qty	Unit	Rate	Amount	Sub Head Total
	FINISHING					11100.00
07	Pointing on brick work or brick flooring with cement mortar 1:3 (1 cement : 3 fine sand);					
	Flush / Ruled/ Struck or weathered pointing	18.95	sqm	258.62	4901.00	
8	Finishing walls with Acrylic Smooth exterior paint of required shade :					
II	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	17	sqm	161.39	2744.00	
9	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :					
II	One or more coats on old work	33.44	sqm	103.31	3455.00	
	Dismantling and Demolishing					4314.00
10	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.					
II	In cement mortar	1.23	cum	2070.40	2547.00	

[Handwritten Signature]
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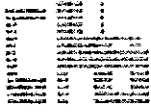


S.No.	Description	Qty	Unit	Rate	Amount	Sub Head Total
11	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	6.66	cum	265.26	1767.00	
	ROAD WORK					16010.00
12	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	16.39	sqm	976.81	16010.00	
	Total				122750.00	
13	Credit of old material demolishing of existing gate				(-)4053.00	
					118697.00	

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Mile stone Programmer (Major Component i.e. Civil work)
(In Physical Terms)

S. No.	Description of Milestone (Physical)		Time allowed in Days (from date of start).	Amount to be withheld in case on non achievement of respective milestone.
1	1st Quarter.			
	Description	During the quarter (DUs.	Cumulative (DUs.)	5% of Tendered Amount
1.	EARTH WORK	1 Job	1 Job	
2.	CEMENT CONCRETE (CAST IN SITU)			
3.	MASONRY WORK			
4.	WOOD AND P. V. C. WORK			
5.	STEEL WORK			
6.	FINISHING			
7.	Dismantling and Demolishing .			
8.	ROAD WORK			
			30 Days	



Part B

**I - General/Specific
Conditions, Specifications**

**II - Schedule of Quantities
applicable to the work.**

General/Specific Conditions for Major and Minor Component of work as applicable.
Note: The order of preference in case of any discrepancy may be read as the following:-

- a. Nomenclature of items as per schedule of quantities.
- b. Particular specification and General/Specific condition, if any.
- c. CPWD specifications.
- d. Architectural Drawings.
- e. Indian standard specifications of B.I.S.
- f. Sound Engineering Practice.
- g. GCC.
- h. CPWD Manual.

1.0 General

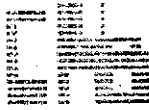
- 1.1 Except for the items, for which Particular Specifications are given or where it is specifically mentioned otherwise in the description of the items in the schedule of quantities, the work shall generally be carried-out in accordance with the "CPWD Specifications (Refer Para 2 (xiii) of Schedule A-F at Page No.-38 and as per instructions of Engineer-in-Charge. Wherever CPWD Specifications are silent, the latest IS Codes/ Specifications shall be followed and the rates should be all inclusive
- 1.2 Any reference made to any Indian Standard Specifications, shall imply to the latest version of that standard, including such revisions / amendments as issued by the Bureau of Indian Standards up to last date of receipt of tenders. The Contractor shall keep at his own cost all such publications including relevant Indian Standard applicable to the work at site.
- 1.3 The work shall be executed and measured as per metric dimensions given in the Schedule of Quantities, drawings etc. (FPS units wherever indicated are for guidelines only).
- 1.4 The work should be planned in a systematic manner so that chase cuttings in the walls, ceilings and floors is minimized. The contractor shall ensure proper co-ordination of various disciplines viz. sanitary & water supply, horticulture & electrical etc.
- 1.5 All the hidden items such as water supply lines, drainage pipes, conduits, sewers etc. are to be properly tested before covering.
- 1.6 Samples including brand/ quality of materials and fittings to be used in the work shall be got approved from the Engineer-in-Charge, well in advance of actual execution and shall be preserved till the completion of the work.
- 1.7 ~~All expenditure to be incurred for testing of samples e.g. packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor. The list of approved laboratories for testing is as under:-~~

S.No.	Type of tests	Name of laboratories
1	All tests	Government labs and NABL certified labs

- 1.8 The contractor, his agents/ representative, workman etc. shall strictly observe orders pertaining to fire precautions prevailing in the area.

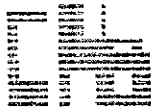
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- 1.9 Contractor(s) shall study the soil investigation report for the site, available in the office of the Engineer-in-Charge and satisfy himself about complete characteristics of soil and other parameters at site. However, no claim on the alleged inadequacy or incorrectness of the soil data supplied by the department shall be entertained.
- 1.10 The tenderer shall see the approaches to the site. In case any approach from main road is required at site or, existing approach is to be improved and maintained for cartage of materials by the contractor, the same shall be provided, improved and maintained by the contractor at his own cost.
- 1.11 Contractor shall take all precautionary measure to avoid any damage to adjoining property. All necessary arrangement shall be made at his own cost.
- 1.12 The contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards day and night, speed limit boards, red flags, red lights and providing barriers. He shall be responsible for all damages and accidents caused due to negligence on his part. Contractor shall ensure that no hindrances shall be caused to traffic during the execution of the work.
- 1.13 **The contractor shall take instructions from the 'Engineer-in-Charge regarding collection and stacking of materials at any place. No excavated earth or building rubbish shall be stacked on areas where other buildings, roads, compound wall, services etc are to be constructed.**
- 1.14 **The contractor shall provide at his own cost suitable weighing, surveying and leveling and measuring arrangements as may be necessary at site for checking. All such equipments shall be got calibrated in advance from laboratory, approved by the Engineer-in-Charge. Nothing extra shall be payable on this account.**
- 1.15 Contractor shall provide permanent bench marks, flag tops and other reference points for the proper execution of work and these shall be preserved till the end of work. All such reference points shall be in relation to the levels and locations, given in the Architectural and plumbing drawings.
- 1.16 The work shall be carried out in accordance with the Architectural drawings and Structural drawings, to be issued from time to time, by the Engineer-in-Charge. Before commencement of any of work, the contractor shall correlate all the relevant architectural and structural drawings issued for the work, nomenclature of items, Specifications etc. and satisfy himself that the information available there from is complete and unambiguous. The figures & the written dimensions of the drawing shall supersede the measurement by scale. The discrepancy, if any, shall be brought to the notice of the Engineer-in-Charge for immediate decision before execution of the work. The contractor alone shall be responsible for any loss or damage occurring by the commencement of work on the basis of any erroneous and/ or incomplete information and no claim, whatsoever shall be entertained on this account.



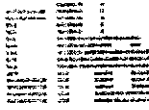
- 1.17 The Architectural drawings other than those indicated in nomenclature of items are only indicative of the nature of the work and materials/fittings involved unless and otherwise specifically mentioned.
- 1.18 The contractor should submit the shop drawing of staging and shuttering for approval of Engineer-in-Charge before actually commencing the execution of work under the item. Nothing extra shall be payable on this account.
- 1.19 Other agencies may also simultaneously execute and install the works and the contractor shall afford necessary facilities for the same. The contractor shall leave such recesses, holes, openings, trenches etc. as may be required for such related works (for which inserts, sleeves, brackets, conduits, base plates, clamps etc. shall be available as specified elsewhere in the contract) and the contractor shall fix the same at the time of casting of concrete, stone work and brick work, if required, and nothing extra shall be payable on this account.
- 1.20 The contractor shall conduct his work, so as not to interfere with or hinder the progress or completion of the work being performed by other contractor(s) or by the Engineer-in-Charge and shall as far as possible arrange his work and shall place and dispose off the materials being used or removed so as not to interfere with the operations of other contractor or he shall arrange his work with that of the others in acceptable and coordinated manner and shall perform it in proper sequence to the complete satisfaction of others.
- 1.21 All material shall only be brought at site as per program finalized with the Engineer-in-Charge.
- 1.22 The contractor shall procure the required materials in advance so that there is sufficient time for testing of the materials and approval of the same before use in the work.
- 1.23 Existing drains, pipes, cables, over-head wires, sewer lines, water lines and similar services encountered in the course of the execution of work shall be protected against the damage by the contractor at his own expense. The contractor shall not store materials or otherwise occupy any part of the site in a manner likely to hinder the operation of such services. In case temporary supporting/ shifting of such services is required to facilitate the work, the same shall be done by the contractor at no extra cost.

In case the existing services are to be shifted permanently, then before dismantling the existing services, alternate/diversion of service lines has to be laid by the contractor so that there is no interruption in use of existing services. The contractor has to plan the alternate suitable route for diversion/shifting of service lines and get the same approved from the Engineer-in-Charge before starting shifting of services. Nothing extra shall be paid except the payment of dismantling and laying of new service lines as per conditions of contract



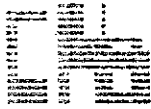
- 1.24 The contractor shall be responsible for the watch and ward/ guard of the buildings, safety of all fittings and fixtures including sanitary and water supply fillings and fixtures provided by him against pilferage and breakage during the period of installations and thereafter till the building is physically handed over to the department. No extra payment shall be made on this account.
- 1.25 The contractor shall be fully responsible for the safe custody of materials brought by him/ issued to him even though the materials may be under double lock key system.
- 1.26 For construction works which are likely to generate malba/ rubbish to the tune of more than a tempo/ truck load, contractor shall dispose off malba, rubbish & other unserviceable materials and wastes at his own cost to the notified specified dumping ground and under no circumstances these shall be stacked/ dumped even temporarily, outside the construction premises.
- 1.27 For construction works which are likely to generate malba / rubbish contractor shall dispose off malba (after segregation in to 5 streams i.e. concrete, bricks and mortar, soil, steel, wood & plastic) at waste processing plants presently located at Industrial area Phase-I, Chandigarh or any other designated location, either with their own conveyance or by requesting machinery from MCC. (at Toll free No. 0172-2787200) by paying requisite charges as per C&D waste Management Policy 2022 of Chandigarh Administration.
- 1.28 Contractor shall use processed materials as well as their by products casted from C&D waste for their works allotted to contractor. However, in case of non availability of processed material at C&D plants, non availability certificate will be obtained by the contractor before resorting to purchase of material from open market.
- 1.29 The excavated surplus earth of the building shall be disposed off by the contractor for all leads and lifts free of cost within Campus. Dumping site/ premises shall be got approved from Engineer in Charge. The contractor will not be permitted to take the surplus earth outside the Campus without the permission of the Engineer-in-charge.
- 1.30 The contractor shall take all necessary measures for the safe flow of traffic during construction including providing/ maintaining such barricades all around construction area without hindering free flow of traffic as per directions of Engineer in Charge. Nothing extra shall be payable on account of providing and maintaining the barricading in good condition. The contractor shall be responsible for all damages and accidents caused due to negligence on his part.
- 1.31 Nothing extra shall be paid for making drip of any shape, size.
- 1.32 Nothing extra shall be paid for making groove/ cut of any kind in the item/ items of plastering work except Fascia Pattern groves.

- 1.33 In case of lowering of subsoil water level/ wet earth work is required as per site condition, the same will be done by the contractual agency and the rate for the same will be allowed as per agreement.
- 1.34 The contractor shall use the white cement with pigment to match the shade of flooring/ dado and for installation of P.H./ Electrical fixtures where ever required without claiming any thing extra.
- 1.35 No hand grinding shall be permitted and grinding of stone/ marble wherever required shall be only through mechanical grinders.
- 1.36 In case the deptt supplies 'Recron fibers' for mixing in the mortar of Plaster of top storey and external Plaster, nothing extra shall be paid.
- 1.37 The rates for all items of work shall unless clearly specified, include the cost of labour, materials and other inputs involved in the execution of the items.
- 1.38 Where the earth for filling is to be supplied by the Contractor/ Agency, the rate to be quoted should include all leads and lifts whatsoever. The Contractor/ Agency will arrange earth from its own source, in case the Board does not specify the source.
- 1.39 The contractor shall responsible for the implementation of all the provisions under **Rule 4 of Chandigarh Municipal Corporation (Sanitation and Public Health) Bye Laws, 1999** and bear all the fines, penalties and prosecutions in case of failures. CHB reserves the right to recover any damages/penalties imposed from the payments due to the contractor.
- 1.40 Justified amount (X) shall be worked out by the Board at the time of award of work while analyzing the bids received. The allotment amount (excluding escalation) (Y) shall be at a %age $O = (Y-X)/X$ above or below the said justified amount which will be called 'original %age above or below' as the case is.
- Revised justified amt (X'), on the same parameters as worked out at the time of award of work, shall be worked out at the time of every bill with the actual quantities. The actual amount of work (excluding escalation) (Y') at the time of every Bill shall be at a %age $A = (Y'-X')/X'$ above or below the said revised justified amount which will be called "actual %age above or below", as the case is.
- Suitable reduction will be made in the running/final bill, in case the "actual %age" (A) exceeds the "original %age" (O) so that the "actual % age remains at par or with in the "original %age".
- 1.41 The competent authority on behalf of CHB 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 rate quoted.
- 1.42 The Board reserves its right to bifurcate the work between one or more agencies and further reserves its right to withdraw a part of a work of a



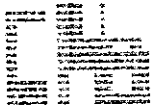
- particular item at any stage during the execution of work without prejudice to the right of the Board to recover, liquidated damages under various provisions of the contract agreement.
- 1.43 The quantities of various items and the number of houses can be increased or decreased at any stage unless and otherwise specified. No claim on account of such changes will be entertained. However the payment to the contractor under running/final bills shall be governed by actual quantities of the various items executed at site at the rate prescribed in the DNIT plus or minus quoted percentage by the agency.
- 1.44 The contractor shall be liable for and shall also indemnify the CHB and its employees against all liabilities, losses, claims, demands, proceeding, damages, costs, charges and expenses and further agrees to defend, indemnify and hold the Board and its employees harmless from any penalty whatsoever in respect of any injury or damage to any property of to personals during the execution of work or by the action of any central or state or local authority for violation by the contractor or sub-contractor engaged on the work.
- 1.45 The work during its progress and subsequently at any stage can also be inspected by the Chief Vigilance Officer/Chief Technical Examiner on behalf of the Engineer-in-Charge and agency shall be responsible for compliance of the observation raised by Chief Vigilance Officer/Chief Technical Engineer and including any recoveries proposed thereof.
- 1.46 The work during its progress and subsequently at any stage shall be open for Inspection by Third Party/ Quality Assurance Independent Agency appointed by CHB for Technical Examination/Audit on behalf of Engineer-In Charge and agency shall be responsible for compliance of the observation raised by it and including any compliance /recovery proposed thereof. In case of non compliance in 15 days further payment would be stopped.
- 1.47 **Supply of Water and Electric Power:** Unless otherwise provided elsewhere in the Contract, the Contractor shall be responsible for making arrangements at his own cost for obtaining supply of water and/or electrical power, necessary for the execution of the works. If the agency arranges temporary water connection from MC, Chandigarh for construction purpose, the recovery of water charges shall be made as per Chandigarh Gazette notification issued on 28 September 2006 with latest amendments. If the contractual agency arranges water through water tanker from MC, Chandigarh in case of non-availability of water supply lines at the site by the MC, then he will produce bill/payment receipt of water charges and such no water charges will be deducted provided the agency submit no objection certificate from the MC, Chandigarh in this regard. Further, it is clarified that if, receipts of water charges submitted are less than 1.5%, then the recovery of 1.5% will be made after adjusting the amount of receipt. If the contractual agency uses the water from the public stand post, through

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private tanker or any of the existing sources. panel rate recovery shall be made from the running bills/final bill. In the event the CHB is in a position to supply water or electrical power, or both, required for works, such supply shall be given only at one point. The cost of making necessary arrangements to the Engineer's distribution system and laying of necessary pipe line, specials, valves, meters etc. for water supply or the laying of underground/overhead conductor, circuit protection, electric power meters and transmission structures in case of electric power shall be borne by the Contractor. The Contractor shall also bear the running cost of water and power supplied, the rates for which shall be determined and notified by the Competent Authority. Presently the water charges @ 1.5% of the project cost which shall be deducted from bills of the agency instead of 1% as defined in Clause-31A (i) GCC. Any increase in water/power tariff by supplying agencies shall also be borne by the Contractor. The decision of CHB on such cost shall be final and binding. Before the release of security, the contractor will submit no due certificate from Electricity department.

- 1.48 In addition to the conditions laid down in the 'General Condition of Contract Document of Chandigarh Housing Board' for release of security deposit, the contractor shall have to make compliance of the following:-
- (i) To submit clearance from the RPFC regarding making compliance of the provisions of the EPF Act or otherwise as specified in the 'Tender Document'
 - (ii) To produce no due certificate from Electricity department.
- 1.49 Deduction on account of Income Tax shall be made at the rate prescribed by law from the gross payment due to the contractor in accordance with section 194 C of Income Tax Act 1961 with latest amendments, in force.
- 1.50 For the materials other than mentioned in the list of the approved makes in this Document, preference will be given to the ISI marked materials.
- 1.51 The items for which more than one Make/ Brand has been specified in the list of 'Approved Makes' in the document and if during execution of the work, for some reason or the other, it is found that only one make remains available in the market, the Chief Engineer, CHB shall be competent to approve other makes of equivalent quality for such The items of work. His decision in this regard shall be final & binding on the part of the contractor.
- 1.52 Nothing extra shall be paid for any local carriage and re-handling of material irrespective of lead and lift.
- 1.53 All T&P required for the labour will have to be arranged by the agency.
- 1.54 Any material left at the site one month after completion of work shall be become the property of the department and no payment shall be made to the contractor for the material.
- 1.55 ~~The agency would be responsible for submission of any document(s) required for obtaining "Occupancy Certificate" from the Estate office. Fire~~



~~clearance Certificate" from the office of Chief Fire Officer (CFO) Chandigarh and "Consent to Operate" from CPCC, UT Chandigarh etc. and in case any observation is made by any such department, then the agency would also carry out requisite rectification after which the final completion of work will be accepted by CHB. However, statutory fees, if any, will be borne by CHB.~~

- 1.56 ~~All the bidders are required to submit the undertaking on structural stability and soundness as per form 'D' given in tender Document.~~
- 1.57 ~~If the Engineer-in-Charge receives any information about structural failure of any building/infrastructure constructed by the bidde(s) during last 25 (twenty-five) years, making it unfit for intended use, then EE or any team as decided by NIT approving authority shall inspect the building/infrastructure. The inspection report along with the recommendations shall be submitted to the NIT approving authority.~~
- 1.58 ~~The bid/agreement can be cancelled/terminated and MD/PG/SIDS (as applicable) can be forfeited as per undertaking given by the bidde(s) within 7 working days of receiving the report. Further on the recommendation of SE/CE, the CEO, CHB will take decision for debarring the bidder forever for tendering in the CHB and send the intimation to enlistment authority of concerned department.~~

2.0 Unless otherwise specified in the schedule of quantities, the rates for respective items shall be all inclusive and apply to the following: -

- i. The rates quoted by the applicants in the Financial Bid should be inclusive of GST and all other taxes/levies and Cess as per Building & other construction Workers Welfare Cess ACT 1996 as extended to Chandigarh vide notification dated 17.09.2009 with latest amendments. Nothing extra on this account shall be paid.
Further, the ESI and EPF contributions on the part of employer in respect of this contract shall be paid by the contractor. These contributions on the part of the employer paid by the contractor shall be reimbursed by the Engineer-in-charge to the contractor on actual basis.
- ii. All lifts & all heights, floors including terrace, leads and depths.
- iii. All labour, material, tools and plants and other inputs involved in the execution of the item.
- iv. Any of the conditions and specifications mentioned in the tender documents.
- v. Pumping/ bailing out surface water/ rain water, if necessary for any reason.
- vi. ~~Providing sunk flooring in Bath-rooms, kitchen, etc.~~
- vii. ~~Any legal or financial implications resulting out of disposal of earth, if any.~~
- viii. ~~Payment of Royalty at the prevailing rates, if any, on the boulders, metal shingle, sand and bajri etc. or any other material collected by him for the work direct to revenue authorities.~~
- ix. ~~Performance test of the entire installation(s) before the work is finally accepted.~~

- ~~x. Any cement slurry added over base surface (or) for continuation of concreting for better bond is deemed to have been built in the items.~~
- xi. All incidental charges for cartage, storage and safe custody of materials brought to site.
- ~~xii. Nothing extra will be paid for executing items beyond 3.00 metre depth from the plinth level.~~

3.0. TESTING OF MATERIAL:

3.1 **Testing of Materials:** When required by the Engineer in Charge, the contractor shall supply, for the purpose of testing, samples of all materials proposed to be used in the works. Samples submitted either to govern bulk supplies or required for testing before use shall be provided free of charge by the contractor. All testing charges shall be borne by the contractor. All mandatory test as per specification shall be carried out at laboratories as directed by Engineer in Charge.

All other expenditure required to be incurred for taking samples; Conveyance, packing etc. shall also be borne by the contractor himself.

3.2 ~~However, if any ultrasonic pulse velocity/ load testing or special testing is to be done for concrete whose strength is doubtful, the cost of the same shall be borne by the contractor.~~

3.3 In case there is any discrepancy in frequency of testing as given in list of mandatory tests and that in individual sub-heads of work as per CPWD Specifications higher of the two frequencies of testing shall be followed and nothing extra shall be payable on this account.

3.4 ~~FIELD LABORATORY~~

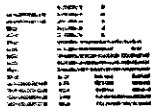
~~The contractor has to establish field laboratory at site including all necessary equipments and skilled manpower for the field tests at his own cost to have proper quality control.~~

~~For performing the above tests, the field testing equipments and instruments are to be arranged and maintained by the contractor.~~

3.5 ~~The contractor shall ensure quality construction in a planned and time bound manner. Any substandard material, work beyond set-out tolerance limit shall be summarily rejected by the Engineer in Charge & contractor shall be bound to replace/ remove such sub standard/ defective work immediately.~~

~~Laboratory/ Field equipment referred in the CPWD works Manual/ MORTH is to be arranged and maintained by the contractor at the site of work. In case the equipment required for any test is not available at site, the department shall get the test conducted from the third party. However in that event, besides providing free materials of sample, the cost of taking of sample, packing, transportation, testing charges etc. shall be borne by the contractor irrespective of the results.~~

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4.0 SECURITY

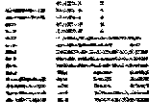
- 4.1 The contractor shall take all steps necessary that all persons employed on any work in connection with the contract have notice that the Indian Official Secrets Act 1923 applies to them & will continue so to apply even after the execution of such works under the contract.
 - 4.2 The contract is confidential and must be strictly confined to the contractor's own use (except so far as confidential disclosure to sub-contractors or suppliers as necessary) and to the purpose of the contract.
 - 4.3 All documents, copies thereof & extracts there from furnished to the contractor shall be returned to the Engineer-in-Charge on the completion of the work/works or the earlier determination of the contract.
- 5.0 ~~The agency will provide documentation for obtaining green building GRHA-rating.~~

6.0 SAMPLE OF MATERIALS:-

- 6.1 All materials and fittings brought by the contractor to the site for use shall conform to the samples approved by the Engineer-in-Charge which shall be preserved till the completion of the work. If a particular brand of material is specified in the Bid Document, the same shall be used after getting the same approved from Engineer-in-Charge. Wherever brand/ quality of material are not specified in the Bid Document, ISI Marked materials and fittings shall be used with the approval of Engineer-in-Charge. Wherever ISI Marked material/ fittings are not available, the contractor shall submit samples of materials/ a fitting manufactured by firms of repute conforming to relevant Specifications or IS codes for the approval of Engineer-in-Charge.
- 6.2 To avoid delay, contractor should submit samples as stated above well in advance so as to give timely orders for procurement. If any material, even though approved by Engineer-in-Charge is found defective or not conforming to specifications shall be replaced/ removed by the contractor at his own risk & cost.
- 6.3. BIS marked materials except otherwise specified shall also be subjected to quality test besides testing of other materials as per the specifications described for the item/ material. Wherever BIS marked materials are brought to the site of work, the contractor shall furnish manufacturer's test certificate or test certificate from approved testing laboratory to establish that the material procured by the contractor for incorporation in the work satisfies the provisions of specifications relevant to the material and/ or the work done.

BIS marked items (except cement & steel for which separate provisions have been made in the Tender Document) required on the work shall be got tested, for only important tests, which govern the quality of the product, as decided by the Engineer-In-Charge. The frequency of such tests (except the

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mandatory test) shall be 5% of the frequency as specified in BIS. For mandatory test, frequency shall be as specified in the CPWD Specifications

6.4 For certain items, if frequency of tests is neither mentioned in the CPWD Specifications & BIS, then tests shall be carried out as per decision of Engineer-in-Charge.

7.0 CEMENT & STEEL REINFORCEMENT (IF NOT STIPULATED TO BE SUPPLIED BY THE DEPARTMENT). SPECIAL CONDITIONS FOR CEMENT AND STEEL

Contractor has to produce manufacturers test certificate for each lot of Cement & Steel Reinforcement procured at site.

7.1 CONDITIONS FOR CEMENT

7.1.1 Cement required for the work shall be procured by the contractor.

7.1.2 The contractor shall procure PPC conforming to IS: 1489 (Part-I)/ OPC conforming to IS:8112 as per List of Preferred Makes for Civil Works.

7.1.3 The supply of cement shall be taken in 50 kg bags/ or in bulk for storage in cement silos for batching plant bearing manufacturer's name and ISI marking. Samples of cement arranged by the contractor shall be taken by the Engineer-in-Charge and got tested in accordance with provisions of relevant BIS codes. In case the test results indicate that the cement arranged by the contractor does not conform to their relevant BIS codes, the same shall stand rejected, and it shall be removed from the site by the contractor at his own cost within a week's time of written order from the Engineer in-charge to do so. Supply of cement shall be taken in 50 kg bags bearing manufacturer's name, or his registered trademarks if any and grade and type of cement as well as ISI marking.

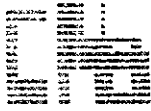
7.1.4 The cement shall be brought at site in bulk supply of approximately 20 tonnes or more as decided by the Engineer-in-Charge.

7.1.5 One No. cement godown of the capacity to store a minimum of 2000 bags of cement shall be constructed by the contractor at site of batching plant for which no extra payment shall be made.

7.1.6 Double lock provision shall be made to the door of the cement godown. The keys of one lock shall remain with the Engineer-in-Charge or his authorized representative and the keys of the other lock shall remain with the contractor. The contractor shall be responsible for the watch and ward and safety of the cement godown. The contractor shall facilitate the inspection of the cement godown by the Engineer-in-Charge at any time.

7.1.7 The cement shall be got tested by the Engineer-in-Charge and shall be used on the work only after satisfactory test results have been received. The contractor shall supply free of cost the cement required for testing including its transportation cost to testing laboratories. The cost of tests shall be borne by the contractor.

7.1.8 The actual issue and consumption of cement on work shall be regulated and proper accounts maintained. The theoretical consumption of cement shall be worked out



as per procedure prescribed in Clause 38 of the General Condition of Contract 2023 and shall be governed by conditions laid there in. In case the cement consumption is less than theoretical consumption including permissible variation, work shall liable to be rejected. In case of excess consumption no additional payment shall be made.

7.1.9 The cement-brought to the site and the cement remaining unused after completion of the work shall not be removed from site without the written permission of the Engineer-in-Charge.

7.1.10 The damaged cement shall be removed from the site immediately by the contractor on receipt of a notice in writing from the Engineer-in-Charge. If he does not do so within 3 days of receipt of such notice, the Engineer-in-Charge shall get it removed at the cost of the contractor.

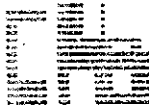
8.0 CONDITIONS FOR STEEL REINFORCEMENT.

8.1 The contractor shall procure ISI marked TMT Bars of Fe 500D/ 550D grade as per preferred brand list mentioned in this Bid Document from the steel manufacturer having valid BIS License for IS 1786-2008 with latest amendments Or their authorized dealer. If TMT bars of any dia of above mentioned make is not available in market at any time then the contractor on producing non availability certificate from the manufacturers may procure TMT bars of that dia from Steel manufacture as per the following guidelines:

8.2 The CE, CHB shall approve the steel manufactures subject to the guidelines for eligibility criteria and other technical parameters given below.

Credentials for eligibility criteria & other technical parameters for steel manufacturer: The manufacturer should meet the following eligibility criteria:

- a) The Steel manufacture should have following documentary evidence:
 - i. Certificate of incorporation.
 - ii. Memorandum of articles of Association.
 - iii. Credit rating of the company from CARE/ CRISIL/ ICRA (the grading should not be C/D grade for minimum last 3 years).
- b) The Steel manufacturer must have following licenses and certificates:
 - i. ISI certificate for billets (IS2830:2012).
 - ii. ISI certificate for TMT Bars IS1786:2008 (with latest amendments).
- c) The Steel manufacturer should also preferably have the following licenses:



- i. ISO9001:2015.
 - ii. ISO 14001:2015.
 - iii. OHSAS 18001:2007.
- d) The steel manufacturer should be using iron ore as the basic raw material. The entire gamut of iron and steel production is owned by the same company or its subsidiary company (ies) and the iron making capacity is sufficient matching the steelmaking capacity, adopting any of the refining technologies for manufacturing steel & TMT Bars as given under are eligible:
- i. BF-BOFRoute.
 - ii. COREX-BOFRoute.
 - iii. DRI-EAFRoute (Each Electric Arc Furnace should be 100 MT or more).
- e) Billets produced must be ISI marked (IS2830:2012).
- f) The TMT bars produced must be ISI marked (IS1786:2008).
- g) The steel manufacturer should have the following in house testing facilities (NABL Accredited):
- i. Computerized Universal Testing Machine.
 - ii. Spectrometer.
 - iii. Bend Re-bend facility as per IS: 1786:2008 (with latest amendments).
 - iv. Raw material laboratory: Arrangement for testing Carbon, Sulphur & Phosphorous etc.
 - v. Other testing facilities as specified in IS: 1786:2008 & IS :2830:2012.

8.3 Steel can also be procured from any particular steel manufacturer who has been suo motto approved by the CE, CHB.

8.4 Samples shall also be taken and got tested by the Engineer-in-Charge as per the provisions in this regard in relevant BIS codes. In case the test results indicate that the steel arranged by the contractor does not conform to the specifications, the same shall stand rejected, and it shall be removed from the site of work by the contractor at his cost within a week time or written orders from the Engineer-in-Charge to do so.

8.5 The steel reinforcement bars shall be brought to the site in bulk supply of 40 tonnes or more, or as decided by the Engineer-in-Charge.

8.6 The steel reinforcement bars shall be stored by the contractor at site of work in such a way as to prevent their distortion and corrosion, and nothing extra shall be

paid on this account. Bars of different sizes and lengths shall be stored separately to facilitate easy counting and checking.

8.7 For checking nominal mass, tensile strength, bend test & re-bend test etc. specimen of sufficient length shall be cut from each size of the bar at random at frequency not less than the specified below:

Size of bar	For consignment below 100 tonnes	For consignment above 100 tonnes
Under 10mm dia bars	One sample for each 25 tonnes or part thereof	One sample for each 40 tonnes or part thereof
10mm to 16mm dia bars	One sample for each 35 tonnes or part thereof	One sample for each 45 tonnes or part thereof
Over 16mm dia bars	One sample for each 45 tonnes or part thereof	One sample for each 50 tonnes or part thereof

8.8 The contractor shall supply free of charge the required steel bars for testing including its transportation to testing laboratories. **The cost of tests shall be borne by the contractor.**

8.9 The actual issue and consumption of steel on work shall be regulated and proper accounts maintained. The theoretical consumption of steel shall be worked out as per procedure prescribed in Clause 38 of the contract and shall be governed by conditions laid therein. In case the consumption is less than theoretical consumption including permissible variations leading to under designing of the structure, the work shall be summarily rejected, otherwise recovery at rate so prescribed shall be made after ensuring structural soundness and stability. In case of excess consumption no adjustment shall be made.

8.10 Steel brought to site and remaining unused shall not be removed from site without the written permission of Engineer-in-Charge.

8.11 The standard sectional weights referred to shall be as given in Table 5.4 in para 5.3.4 in CPWD Specification 2019 Vol.-I and will be considered for conversion of length of various sizes of TMT Bars in to standard weight. Record of actual sectional weights shall also be kept dia. and lot wise. The average sectional weight for each diameter shall be arrived at from samples from each lot of steel received at site. The decision of the Engineer-in-Charge shall be final for the procedure to be followed for determining the average sectional weight of each lot. Quantity of each diameter of steel received at site of work each day will constitute one single lot for the purpose. The weight of steel by conversion of length of various sizes of bars based on the actual weighted average sectional weight shall be terms as Derived Actual Weight.

- a) If the derived weight is less than the standard weight, then the Derived Actual Weight shall be accepted if it is within the following tolerances specified in IS:1786-2008, otherwise whole lot will be rejected. However, deductions shall be made for the difference in derived actual weight and

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standard weight at the rate-Rs.6833/- for TMT-500D/ 550D reinforcement bars. Tolerance on nominal mass shall be in accordance with Table 5.4A of CPWD Specification 2019.

- b) If the derived actual weight is found more than the standard weight, then nothing shall be paid extra for the difference in derived actual weight and standard weight.

8.12 The contractor shall submit original vouchers from the manufacturer for the total quantity of steel supplied under each consignment to be used in the work. All consignment received at the work site shall be inspected by the Site staff along with the relevant documents before acceptance. The contractor shall obtain Original Vouchers and Test Certificates and furnish the same to the Engineer-in-Charge in respect of all the lots of steel brought by him from approved supplier to the site of work. The original vouchers and test certificates shall be defaced by the CHB Site staff and Copy of Original vouchers and Original test report shall be kept on record in the site office

9.0 SPECIAL CONDITION FOR CEMENT CONCRETE:

9.1 The contractor has to arrange at site sufficient centering /shuttering before start of work. Only M.S. centering / shuttering and scaffolding material unless & otherwise specified shall be used for all R.C.C. work to give an even finish of concrete surface. However, marine-ply shuttering in exceptional cases as per site requirement may be used on specific request from contractor as approved by the Engineer-in-charge.

9.2 Nothing extra shall be paid for the centering & shuttering, circular in shape where the form work is having a mean radius exceeding 6m in plan.

9.3 In order to keep the floor finish as per architectural drawings and to provide required thickness of the flooring as per specifications, the level of top surface of R.C.C. shall be accordingly adjusted at the time of its centering, shuttering & casting for which nothing extra shall be paid to the Contractor.

9.4 As per general engineering practice, level of floors in toilet/ bath, balconies, shall be kept 12 to 20mm as required lower than general floors, shuttering should be adjusted accordingly.

9.5 Drip course or moulding shall be provided in projected surfaces wherever specified.

9.6 The lean concrete, to be used in foundations base shall be mixed with mechanical mixtures.

10.0 PARTICULAR SPECIFICATIONS FOR RCC WORK: -

10.1 The RCC work shall be done with Design-Mix Concrete. Wherever letter **M has been indicated**, the same shall imply for the Design Mix Concrete. The Design Mix Concrete will be designated based on the principles given in IS: 456, 10262 & SP 23. The Conditions & Specifications stated herein shall have precedence over all conditions & specifications stated in relevant I.S. Codes/ CPWD Specifications. The concrete mix shall be designed for

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the specified target mean compressive strength in order to ensure that work test result do not fall below the acceptance criteria specified for the concrete mix. The Contractor shall design mixes for each class of concrete indicating that the concrete ingredients and proportions will result in concrete mix meeting the requirements specified.

- (a) The contractor has to submit design mix with the use of admixtures.
- (b) Admixture to be added (by maintaining the minimum cement content & maximum W/C ratio as given under Para 9.3) to meet the Workability/ slump & requirement. Quoted rate will include the cost of admixtures used in the concreting work. Nothing extra shall be paid to the contractor on account of addition of admixtures.

10.2 The source of coarse aggregate, fine aggregate, water, admixture & cement to be used in concrete work shall be identified by the contractor & he will satisfy himself regarding their confirming to the relevant specifications and their availability before getting the approved from the Engineer-in-Charge.

- a) Coarse Aggregate As per CPWD Specifications
- b) Fine Aggregate As per CPWD Specifications
- c) Water It shall conform to requirements laid down in IS: 456-2000 (Para 5.4) or CPWD Specifications.
- d) Cement The contractor shall use 43 Grade Ordinary Portland Cement and/or Portland Pozzolona Cement of brand/make/source as specified in Tender Document for production of concrete. However, if the contractor uses higher grade of cement nothing extra shall be paid.
- e) Admixture/Plasticizer The admixture shall conform to IS: 9103 Whenever required, the admixture of approved quality & approved make only shall be used to attain the required workability. Nothing extra on account of use of Admixture/Plasticizer shall be payable.

10.3 Grade of Concrete: - The compressive strength of various grades of concrete with various parameters shall be as follows: -

GRADE DESIGNATION	COMPRESSIVE STRENGTH ON 15 CM CUBES min. 7 Days (N/mm ²)	SPECIFIED CHARACTERISTICS COMPRESSIVE STRENGTH AT 28 DAYS (N/mm ²)	MINIMUM CEMENT CONTENT (Kg. per cum)	MAXIMUM WATER CEMENT RATIO	SLUMP
(i) M-25	As per design	25	300	0.50	25-75

(ii) M-30	As per design	30	320	0.45	25-75
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NOTE:-

- i) In the designation of a Concrete mix letter M refers to the mix and the number of the specified characteristic compressive strength of 15 cm - Cube at 28 days expressed in N/mm².
- ii) It is specifically highlighted that in addition to the above requirements, the maximum cement content for any grade shall be limited to 530 kg./cubic metre.
- iii) **In case the quantity of cement use is less than the quantity as specified in the respective items of design mix concrete in 'Schedule of Quantities; then the necessary recovery shall be made for less use of cement.**

10.4 The Contractor shall engage one of the following approved laboratories/ test house for designing the concrete mix in accordance with relevant IS Code and to conduct laboratory tests to ensure the target strength & workability criteria for a given grade of concrete: -

- i) Punjab Engineering College, Chandigarh.
- ii) NIT, Jalandhar. (Formerly known as REC, Jalandhar.)
- iii) IIT, New Delhi.
- iv) Chandigarh Engineering College, Sector 26, Chandigarh.
- v) National Institute of Technical Teacher Training and Reserch, Sector 26, Chandigarh.

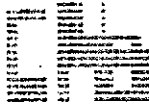
The various ingredients for mix design/laboratory tests shall be sent to the lab/ test houses through the Engineer-in-charge and the samples of such aggregates shall be preserved at site by the department.

In the event if all the five laboratories are unable to carry out the requisite design/ testing, the contractor may have it done any other laboratory with prior approval of the Chief Engineer.

10.5 The contractor shall submit the report on design 'mix from any of above approved laboratories for approval of Engineer in Charge within 30 days from the date of issue of letter of acceptance of the tender. No concreting shall be done until the design mix is approved. In case of White Portland Cement and the likely use of admixtures in concrete with ordinary Portland/White Portland Cement, the contractor shall design and test the concrete mix by using trial mixes with white cement and/ or admixtures also, for which nothing extra shall be payable.

10.6 In case of change of source or characteristic properties of the ingredients used in the concrete mix during the work, the contractor as per the directions

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of the Engineer-in-charge shall submit a revised laboratory mix design report conducted at laboratory established at site.

10.7 All cost of mix designing and testing, connected therewith, including charges payable to the laboratory shall be borne by the Contractor including redesigning of the concrete mix whenever required & as directed by Engineer-in-Charge.

10.8 The mix design for a specified grade of concrete shall be done for a target mean compressive strength $T_{ck} = F_{ck} + 1.65s$

Where F_{ck} = Compressive strength at 28 days.

S= Standard deviation which depends on degree of quality control.

The standard deviation for different grades of concrete shall be as follows:

GRADE OF CONCRETE	STANDARD DEVIATION
M-25	4
M-30	5

10.9 TRIAL BATCHES

- (a) The designed mix proportions shall be checked for target mean compressive strength by means of trial batches.
- (b) Minimum three sets of separate preliminary tests shall be carried out for each trial batch of concrete mix. Each test shall comprise of six specimens and only one test-set of six specimens shall be made on any particular day.
- (c) The quantities of materials for each trial mix shall be sufficient for at least six specimens (cubes) and the concrete required for carrying out workability tests.
- (d) The workability of trial mix No.1 shall be measured and mix be carefully observed for freedom from segregation, bleeding and its finishing characteristics. The water content, if required, shall be adjusted corresponding to the required changes in the workability.
- (e) With the modified Water Content, the mix proportions shall be recalculated by keeping Mix water cement ratio unchanged. The mix proportion, as modified, shall form the trial mix No. 2 and tested for the specified strength and workability.
- (f) In addition, trial mix No.3 and 4 shall be designed by keeping water contents same as determined as per trial mix No. 2 but varying the water cement ratio by $\pm 10\%$ of the specified value and tested for their designed characteristics.
- (g) Out of the six specimen of each set, three shall be tested at 7 Days & remaining three at 28 Days. The preliminary tests at 7 Days are intended only to indicate the strength to be attained at 28 Days.

while the design mix shall be approved only on the basis of test strength at 28 Days.

10.10 MEASUREMENT -

- (i) As per CPWD Specifications.
- (ii) In respect of all projected slabs at all levels including cantilever, canopy, the payment for the RCC work shall be made under the item RCC slabs. The payment for shuttering at the edges shall be made under item of centering and shuttering for RCC slabs. Nothing extra shall be paid for the side shuttering at the edge of these projected balconies/ projected verandah slabs.

10.11 TOLERANCES – As per CPWD Specifications.

10.12 RATES:-

- (i) The rate includes the cost of materials, labour and T&P, including mixing, placing, transportation involved in all the operations described above except for the cost of centering, shuttering & reinforcement which will be paid for separately.

11.0 BRICK WORK:-

11.1 The brick work shall be carried out with good quality FPS well burnt bricks of class designation 75 as per CPWD Specifications. In view of the over size of local bricks available, the thickness of the course shall be 8 cm assuming consumption on average of 460 bricks per cum of brick work. In case consumption of bricks is more or less than 460 bricks per cum, it will be paid/ recovered accordingly at the rate mention as under:-

Bricks – Rs.4990/- per thousand

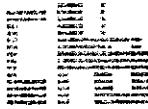
This would be without any effect on the consumption of the standard cement consumption factor.

11.2 The rate shall also include for leaving chases/ notches for dowels/ cramps for all kinds of cladding to come over brick work.

11.3 In case of non availability of the bricks, fly ash/concrete bricks of equivalent strength can be used with the permission of Engineer-in- Charge. Nothing extra on this account shall be made.

12.0 DEFECT/ WATCH & WARD LIABILITY:

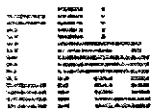
The contractor's liability during the defect liability period (~~be read as 5 years instead of one year~~) from the final date of completion as per Clause-17 shall be limited to rectification of defects including replacement as follows which in the opinion of Engineer-in-Charge are not man made. The agency shall be responsible for watch and ward of



completed houses for the period upto the 'Defect liability Period' or till the physical possession is handed over to the respective allottee whichever is earlier. Nothing extra shall be payable on this account.

S. No.	Description	Defect Liability of the items, if executed under this contract.
(ii)	Concrete	a) Rectification of structural/ superficial/ non-structural cracks. (b) Rectification of dampness/ seepage in roof slab/ junctions & sunken portion. (c) Rectification of cracks in beam, shade, column.
(iii)	Brick work/Hollow block	(a) Rectification of cracks in panel wall/ portion. (b) Cracks/ settlement of walls. (c) Rectification of efflorescence.
(iv)	Joinery	(a) Replacement of warped joinery. (b) Cracks in panels, rails/ styles etc.
(v)	Builders' Hardware.	(a) Repairs Replacement of loosened/ premature failure of fittings. b) Tightening/ Replacement of sag in mosquito proofing.
(vi)	Steel & Iron work	(a) Rectification/ Replacement of defective part of rolling shutter (b) Redoing of defective portion in fabrication welding including Painting. (c) Steel windows, Grills, gates etc. - defects to be rectified.
(viii)	Plastering	(a) Rectification of structural superficial cracks if any. (b) Rectification of protruding/ peeling off plaster if any. (c) Rectification of efflorescence
(ix)	Flooring	(a) Rectification of sinking portion of plinth protection including saucer drain. (b) Settlement of foundation & floors. (c) Removal of broken/chipped tiles (d) Rectification of Slopes, uneven joints by relaying.

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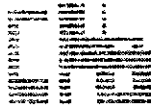
CHANDIGARH HOUSING BOARD

A CHANDIGARH ADMINISTRATION UNDERTAKING

ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH
(PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG
WITH WICKET GATE AS PER STANDARD DESIGN/ DRAWING)
Bid Document

(xi)	Finishes	Making good of defective dissimilar patches of painting to match with remaining surfaces.
(xii)	General	(a) All manufacturing defects of structures/ fixtures/ fittings/ equipments other than listed above.

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**APPROVED MAKES OF VARIOUS ITEMS (WHEREVER PRESCRIBED) FOR
USE UNDER THIS CONTRACT**

Sr. No.	Item, Work	BRANDS
1	Cement	ACC. ULTRATECH. VIKRAM. SHREE CEMENT. AMBUJA. JAYPEE CEMENT. CENTURY CEMENT & JK CEMENT
2	Reinforcement Steel (TMT-fe 500)	SAIL, TATA STEEL LTD. RINL. JINDAL STEEL & POWER LTD. PANTHER AND JSW STEEL LTD.
3	Structural Steel/M.s Tube	SAIL, RASHTRIYA ISPA'T NIGAM. TATA, JINDAL STEEL & POWER LTD. JSW STEEL LTD
4	Premium acrylic emulsion paints	DULUX- WEATHER SHIELD. NEROLAC EXCEL. ASIAN APEX PAINTS. BERGER-WEATHER COAT
5	Wall Putty	BIRLA WALL CARE, JK WHITE. SAINT GOBAIN. FERROUS CRETE
6	Oil Bound washable distemper	ASIAN PAINTS, AKZONOBEL. DULUX. BERGER. ICI. NEROLAC
7	Acrylic Distemper	BERGER- BISON, ASIAN-TRACTOR. DULUX-PROMISE. NEROLAC-BEAUTY
8	Synthetic Enamel paint	AKZONOBEL (DULUX). ASIAN (APCOLITE). KANSAI NEROLAC (SYNTHETIC ENAMEL). BERGER- LUXOL.

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FINANCIAL BID FOR THE WORK ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH (PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG WITH WICKET GATE AS PER STANDARD DESIGN/ DRAWING).

Part	Description	Amount
	ADDITION/ALTERATION IN H.NO.10 SECTOR 7 CHANDIGARH (PROVIDING AND FIXING MS GATE HEIGHT 6 FEET ALONG WITH WICKET GATE AS PER STANDARD DESIGN/ DRAWING) (DNIT AMOUNT)	Rs.1,18,697/-

I/we will charge % (in figures) i.e ^{(a)*} percent (in words) ^{(b)*} (write above or below) on the total cost of Rs.1,18,697/- (Rs One Lakh Eighteen Thousand Six Hundred Ninety Seven Only).

The overall amount of the Tender comes out to be Rs. (in figures) (Rs.

^{(c)*} (in words) with my quoted Rates.

* Note:

1. For filling up the portion marked (a)* above the agency is to quote the percentage in figure and words. Percentage is to be quoted up to three digits after decimal.
2. For filling up the portion marked (b)* above, the agency is to quote either above or below
3. For filling up the portion marked (c)* above the agency is to quote the amount in figures and words.
4. In case of any ambiguity or difference between the quoted percentage and amount, the amount worked out at '(c)' above will be considered as correct and the percentage will be considered accordingly.

Dated _____ Signature of the Bidder (s) _____

Superintending Engineer-I
Chandigarh Housing Board
Chandigarh
14/06/2023

Executive Engineer-III,
Chandigarh Housing Board
Chandigarh

This NIT containing 72 pages as per Index amounting Rs. Rs.1,18,697/- (Rs One Lakh Eighteen Thousand Six Hundred Ninety Seven Only) is hereby approved.

Chief Engineer
Chandigarh Housing Board
Chandigarh
27/11/23
27/11/23

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