

CENTRAL ZONE, CENTRAL RESERVE POLICE FORCE,

KOLKATA- 700106

TELEPHONE (CONTROL ROOM)/ FAX NO- 03323599005

Tender Enquiry No.M.III.9/2022-23ARMO CH BBSR Dated 22 / 09 /2022

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E-TENDER DOCUMENT

Name of works	Repair and Painting works of X-Ray, Mammography, Kitchen, Patient Ward and Wash rooms of CH Bhubanesar at Nayapalli, Odisha-751011.
NIT for Rs.	Total Rs. 4,99,990 /- (Rupees Four Lakh Ninety Nine Thousand Nine Hundred Ninety) Only

Sd/-22/09/2022

Commandant(Engr.)

Central Zone, CRPF, Kolkata(W.B)

CENTRAL ZONE, CENTRAL RESERVE POLICE FORCE,
KOLKATA- 700106
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ITEM RATE TENDER & CONTRACT FOR WORKS

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CENTRAL ZONE, CENTRAL RESERVE POLICE FORCE,

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TELEPHONE (CONTROL ROOM)/ FAX NO- 03323599005

T.E. No. M.III.9/2022-23ARMO CH BBSR

Dated, the 22th September, 2022

E- TENDER NOTICE

DIGP, Composite Hospital, Central Reserve Police Force, Nayapalli, Bhubaneswar (Odisha) – 751011 on behalf of the President of India, invites item rate e- Tenders under two bid systems (Technical Bid and Financial/Price Bid) from approved and eligible contractors of CPWD , MES and BRO for Repair and Painting works of X-Ray, Mammography, Kitchen, Patient Ward and Wash rooms of CH Bhubaneswar at Nayapalli, Odisha-751011, Campus who have satisfactorily completed similar nature of works i.e. Civil Works during the past two years.

NIT No.	Name of Works	Estimated cost put to tender	Earnest Money	Time of completion of work	Date of tender publishing in CPP portal	Bid submission start date in CPP portal	Last Date & Time of submission of Bid	Time & Date of opening of technical bid
M.III.9/2022-23 ARMO CH BBSR	Repair and Painting works of X-Ray, Mammography, Kitchen, Patient Ward and Wash rooms of CH Bhubaneswar at Nayapalli, Odisha-751011	Rs. 4,99,990/-	Rs. 10,000/-	04 Months	29 /09 / 2022	29 /09/2022 at 1200Hrs	12 /10/2022 at 1600Hrs	13 /10/2022 at 1600Hrs

2) **Tender cost and Earnest money:** Tender cost Rs. Nil and EMD should be paid by the Bidder mandatorily. If the bidder fails to submit EMD then his tender will be rejected. The bidder Earnest Monet should submit in favour of DIGP(Med), CH, CRPF, Bhubaneswar. The scanned copy shall be uploaded and original to be submitted offline till the date and time mentioned above in the office of the DIGP(Med), CH.CRPF, Bhubaneswar (Odisha).

3) Copy of Civil contractor license/registration certificate of CPWD/PWD/MES/BRO or any Govt. registered contractor who has done similar nature of civil works with appropriate class for central/state govt./PSU , **Work experience certificate** (03 similar completed works costing not less than the amount equal to 40% of the estimated cost **Or** 02 similar completed works costing not less than the amount equal to 60% of the estimated cost **Or** 01 similar completed work costing not less than an amount equal to 80% of the estimated cost.) , PAN Card, Details of documents of regarding last 03 years ITR returns or certificate & GST return of the firm, Clause for Labour license issued from the state Govt./GOI, may are required to be uploaded. Bidders will have to download the NIT/Tender form and BOQ to upload the same after filling their rates and signing these documents.

4) For Submission of e-tender, bidders are requested to get themselves registered with www.eprocure.gov.in website along with class-II/III/IV Digital signature Certificate (DSC). Manual bids will not be accepted.

5) For complete details refer website www.eprocure.gov.in at CPP portal or CRPF website www.crfp.gov.in. Any change/modification in tender enquiry will be intimated through above mentioned websites only.

6) Price Bid of a bidder will be opened if

- a) The 'Earnest money 'is received offline till due date and time.
- b) Documents uploaded by the bidder are found in order.

Sd/-22/09/2022

Commandant(Engr.)

Central Zone, CRPF, Kolkata(W.B)

**GOVERNMENT OF INDIA
CENTRAL RESERVE POLICE FORCE
NOTICE INVITING TENDER**

- 1.1 Item rate bids are invited on behalf of President of India from approved and eligible civil contractors and those on appropriate list of CPWD, MES and BRO for Repair and Painting works of X-Ray, Mammography, Kitchen, Patient Ward and Wash rooms of CH Bhubanesar at Nayapalli, Odisha-751011 . The work are estimated to cost **Rs. 4,99,990 /-**.
- 1.2 Intending bidder is eligible to submit the bid provided he has definite proof from appropriate authority, which shall be to the satisfaction of competent authority about the eligibility criteria. e- registration/enlistment in appropriate class, experience certificate, Earnest Money Deposit etc. Application (Scanned copy) accompanied with the Earnest Money Deposit in favour of DIGP(Med), CH ,CRPF, Bhubaneswar (Odisha) should be uploaded with other required documents. However, if the intending tenderers want to see the tender document before giving same may be seen in the office of the Deputy Inspector General of Police(Med), CH,CRPF, Bhubaneswar on any working day.
2. Agreement shall be drawn with the successful tenderer. Tenderer shall quote his rates as per various terms and conditions of this said form which will form part of the agreement.
3. The time allowed for carrying out the work will be 04 month from the 10th day after the date of written orders to commence the work or from the first date of handing over the site, whichever is later, in accordance with the phasing if any, indicated in the tender documents.
4. The site and shed for the work is available.
5. The bid documents consisting of plans, specifications, the schedule of quantities of various type of items to be executed and the set of terms and conditions of the contract to be compiled with and other necessary documents except standard general conditions of contract form can be seen on web site www.eprocurement.com or www.crpf.gov.in
6. The bidder will also produce scanned copy of PAN issued by concerned income Tax office. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. Only e-tenders will be accepted.
8. The description of the works is as follows:-

Repair and Painting works of X-Ray, Mammography, Kitchen, Patient Ward and Wash rooms of CH Bhubanesar at Nayapalli, Odisha-751011.

Copies of other drawing and documents pertaining to the work will be open for inspection by the tenderers at the office of the Deputy Inspector General of Police, CH, CRPF, Bhubaneswar (Odisha.). A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials tools and plants. Water, electricity access, facilities for workers and all other services required for executing the work unless

otherwise specifically provided for in the contract documents. Submission of a tender by tenderers implies that he has read this notice and all other conditions and rates at which stores. Tools and plants etc, will be issued to him by the Government and local conditions and other factors having bearing on the execution of the work.

9. The competent authority, on behalf of President of India does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all of the tenders received without the assignment of a reason. All tenders in which any of the prescribed conditions are not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.
10. 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 to rejection.
11. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the tender and the tendered shall be bound to perform the same at the rate quoted.
12. The tender for the works shall remain open for acceptance for a period of one hundred eighty days (180) from the date of opening of tender. If any tenderers withdraws his tender before the said period or makes any modification in the terms and conditions of the tender which are not acceptable to the department. Then the Government shall without prejudice to any other right or remedy.
13. This notice inviting tender shall form a part of the contract document .The successful tenderer/contractor, on the 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 document, including additional conditions specifications and drawings. If any forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading there to.

Signature of Tender Form issuing officer

Sd/-22/09/2022
Commandant(Engr.)
Central Zone, CRPF, Kolkata(W.B)

Signature of Tenderer

**GOVERNMENT OF INDIA
CENTRAL RESERVE POLICE FORCE**

1. Item rate tender and contract for work

(A) Tender for the work of **Repair and Painting works of X-Ray, Mammography, Kitchen, Patient Ward and Wash rooms of CH Bhubanesar at Nayapalli, Odisha-751011.**

(ii) Issued to : _____ (Contractor)

Signature of officer issuing the Document _____

Designation _____

Date of issue _____

Signature of Tender Form issuing officer

Sd/-22/09/2022

Commandant(Engr.)

Central Zone, CRPF, Kolkata (W.B)

Signature of Tenderer

Instructions for Online Bid Submission:

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL: <http://eprocure.gov.in>). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

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

REGISTRATION:-

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

SEARCHING FOR TENDER DOCUMENTS

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

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of

documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black and white option.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

- 1) Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the prices bid have been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) Cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- 5) The server time (which is displayed on the bidder’s dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 6) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done.
- 7) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 9) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800 233 7315.

Signature of Tender Form issuing officer

Sd/-22/09/2022
Commandant(Engr.)
Central Zone, CRPF, Kolkata(W.B)

Signature of Tenderer

ADDITIONAL CONDITIONS

1. The contractors are advised to get acquainted with the proposed work and its site and also study the Architectural Drawings, specifications and special conditions carefully before tendering. No claim of any sort shall be entertained on account of any site conditions and ignorance of specifications and special conditions.
2. The work shall be carried out as CPWD specifications 2019 Vol. I & II with up to date correction slips unless otherwise specified in the nomenclature of individual item or in the specifications and special conditions, where specifications are silent, the decision of Commandant Engineer CZ shall be final and binding on contractors.
3. The rates quoted by the contractor shall be taken as net and nothing extra shall be paid on any account i.e. royalty, cartage, sales tax, GST etc. .
4. The rates for different items of work shall apply for all heights and depths, leads and lifts unless otherwise specified in the agreement or specifications applicable to the agreement.
5. Any damage done by the contractor to any existing work during the course of execution of the work shall be made good by him at his own cost.
6. Articles manufactured by the reputed firms and approved by Commandant Engineer, CZ shall only be used. Only articles classified, as 'first quality' by the manufacturer shall be used unless otherwise specified. In case articles bearing ISI certification are not available in the market, quality of samples brought by the contractor shall be judged by standards laid down in the relevant BIS specifications. For the items not covered by CPWD specifications relevant BIS standards shall apply. The sample of materials to be brought to site for use in work shall be got approved from the site engineer before actual execution of work.
7. Samples of materials required for testing shall be provided free of cost by the contractor. Testing charges, if any, shall be borne by the department in case the test results are satisfactory except where-ever specifically mentioned otherwise in the NIT. All the expenditure to be incurred for taking samples, conveyance, packing etc. shall be borne by the contractor.
8. The contractor shall submit a detailed programme of work within 07 days of the date of award of work. The Commandant Engineer CZ can modify the programme and the contractor shall have to work accordingly.
9. The quantities of each item shall not be exceeded beyond the agreement, quantities without prior permission of Commandant Engineer CZ.
10. Statutory deductions on account of GST, VAT, income tax and surcharge as applicable shall be made from the gross amount of the bill.
11. The contractor shall make his own arrangements for obtaining electric connection, if required and make necessary payments directly to the department concerned.
12. The contractor shall make his own arrangement for getting the permission to ply the trucks from the traffic police.
13. No payment shall be made to the contractor for any damage caused by rain, snow fall, floods or any other natural causes whatsoever during the execution of work. The damage caused to work shall have to be made good by the contractor at his own cost and no claim on this account shall be entertained.
14. Other agencies may also simultaneously be executing the work of electrification, Horticulture or external services and other building works for the same building, along with this work. The contractor shall afford necessary facilities for the same and no claim in the matter shall be entertained. The contractor shall especially co-ordinate with the other agency carrying out his work.

15. Some restrictions may be imposed by the security staff etc. on the working and or movement of labour and materials, etc. the contractor shall be bound to follow all such restrictions / instructions and nothing shall be payable on this account.
16. The contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards. He shall be responsible for all damages and accidents caused due to negligence on his part. No hindrance shall be caused to traffic during the execution of the work by storing materials on the road.
17. The contractor shall be fully responsible for the safe custody of the material issued or brought by him to site for doing the work.
18. Testing of materials:-
In case there is any discrepancy in the frequency of testing as given in the list of mandatory test and that in the individual sub-head of work as per the CPWD specifications 2019 Vol. I to II with up to date correction slips, the higher of the two frequencies shall be followed and nothing extra shall be payable to the contractor on this account. Samples of all fittings and fixture to be provided shall be got approved from the Engineer-in-charge before use in the work.
19. The rate for all items of work, shall unless otherwise clearly specified include cost of all labour, material and other inputs involved in the execution of the items.
20. The order of preference in case of any discrepancy as indicated in condition no. under “Conditions of contract” given in the General Conditions of contract for CPWD work 2014 form may be read as the following:
 - a) Description of Schedule of quantities.
 - b) Additional Specification’s and special conditions, if any.
 - c) Contract clauses of General conditions of contract for Central P.W.D. works 2014 form.
 - d) CPWD Specifications.
 - e) Drawings.
 - f) Indian Standard Specifications / BIS
 - g) Sound engineering practice.

Any reference made to any Indian Standard Specifications in these documents, 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 of relevant Indian Standards applicable to the work at site.
21. The contractor shall make his own arrangement of water for construction and drinking purpose as well for electricity and its distribution at his own cost. The department will render only assistance to the contractor for making application to JB / authorized Electric supply agency, if required. All the fees and charges including consumption charges shall be borne by the contractor.
22. The contractor will not have any claim in case of any delay by the DIG(Med), CH, CRPF, Bhubaneswar in removal of trees or shifting, removing of telegraph, telephone or electric lines (overhead or underground), water and sewer lines and other structure etc., if any which may come in the way of the work. However, suitable extension of time can be granted to cover such delay.
23. The malba/ garbage generated at site due to construction activities shall be removed from the site immediately & shall be disposed-off by the contractor to the approved dumping site identified by the Site In Charge. The surplus soil / earth shall be disposed of as per the directions of site In-Charge separately.
24. The contractor shall clean the site thoroughly of scaffolding materials, rubbish, equipment’s left out of his work and dress the site around the building to the complete satisfaction of the Site In Charge before the work is treated as completed.

25. After survey all drawings and basic data shall be property of the CRPF and contractor submit the undertaking for not using for any other purpose and anywhere else in future.

Signature of Tender Form issuing officer

Sd/-22/09/2022
Commandant(Engr.)
Central Zone, CRPF, Kolkata(W.B)

Signature of Tenderer

ADDITIONAL SPECIAL CONDITIONS

- 1.1 In case there is any discrepancy between English Version and corresponding Hindi version, if provided, then the provisions in English Version will prevail .
- 1.2 Wherever any reference to any Indian Standard Specifications/ International standard occurs in the documents relating to this contract, the same shall be inclusive of all amendments issued there-to or revisions thereof, if any, up to the date of receipt of tenders.
- 1.3 Samples for particular items of work shall be prepared, where so specifically desired by Engineer-in-charge, for prior approval of the Engineer-in-charge, before taking up the same on mass scale and nothing shall be payable on this account.
- 1.4 Wherever desired by Engineer-in-charge, the contractor shall also construct a sample unit complete in all respect within time specified by the Engineer-in-charge & this sample unit shall be got approved from the Engineer-in-charge before mass construction is taken up .No extra claim, whatsoever beyond the payment due at agreement rates, will be entertained to the contractor on this account .
- 1.5 The contractor shall take instructions from the Engineer-in-charge for stacking of materials at site. No excavated earth or building materials shall be stacked on areas where the buildings, roads, services or compound walls or any other structure are to be constructed.
- 1.6 If as per municipal rules, or due to any other restrictions, the huts for laborers are not to be erected at the site of work by the contractors, then the contractors shall provide such accommodation at such locations as are acceptable to local bodies, or contractor shall make his own alternative arrangement for stay of laborers outside the site of work, for which nothing extra shall be payable.
- 1.7 Unless otherwise specifically provided in the Schedule of quantities, the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the building and nothing extra quoted rates in agreement shall be payable to him on this account. However, payment for centering, shuttering, if required to be done for floor heights greater than 3.5m, shall be admissible at rates arrived at, in accordance with clause 12 of the agreement, if not already specified otherwise.
- 1.8 The working drawings appearing at para 8.1(iii) of conditions of contract in the form CPWD-7/8, shall mean to include both architectural and structural drawings respectively. The structural and architectural drawings shall be properly correlated before executing the work. In case of any difference noticed between architectural and structural drawings, final decision, in writing of the Engineer-in-charge shall be obtained by the contractor before proceeding further.
- 1.9 If ISI marked products are available, the contractor shall use only ISI marked products. In other cases, the materials shall conform to CPWD specifications. In case a materials/product is neither covered by ISI nor by CPWD specification, the work shall be carried out as per sound engineering practice, in such case, the decisions of the Engineer-in-charge shall be final & binding. In such cases Engineer-in-charge shall satisfy himself about the quality of such materials and give his approval in writing. Only articles classified as first quality by the manufacturers shall be used, unless otherwise specified. All materials not bearing ISI mark shall be tested as per relevant ISI specifications. The Engineer-in-charge may relax the condition regarding testing if the quantity of the materials required for the work is small . In all cases of use of ISI marked materials, proper proof of procurement of materials from authentic manufacturers shall be provided by the contractor to the entire satisfaction of Engineer-in-charge.
- 1.10 Some restrictions may be imposed by the security staff etc. on the working and for movement of labour, materials etc. The contractor shall be bound to follow all such restriction / instructions and nothing extra shall be payable on this account.

- 1.11 Other agencies doing works related with this project will also simultaneously execute the work and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, opening etc., for laying/burying in the work pipes, cables, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for other agencies. Conduits for electrical wiring/cables will be laid in such a way that they leave enough space for concreting and do not adversely affect the structural members. Nothing extra over the agreement rates shall be paid for the same. The contractor shall extend necessary co-operation to other such agencies without any claim on this account.
- 1.12 Cast iron pipes and fittings without ear shall be used. However, pipes and fittings with ears may be accepted without any extra payment. In such cases, clamps are not required and no extra payment shall be made for fixing the pipes in a different manner.
- 1.13 Any cement slurry, required to be added over base surface for bond or for continuation of concreting, its cost shall be deemed to have been included in the respective items, unless specified otherwise and nothing extra shall be payable nor extra cement shall be considered in the cement consumption on this account.
- 1.14 Stacking of materials and excavated earth including its disposal shall be done as per the directions of the Engineer-in-Charge. Double handling of materials or excavated earth, if required, shall have to be done by the contractor at his own cost.
- 1.15 No claim for idle establishment & labour, machinery & equipments, tools & plants and the like, for any reason whatsoever, shall be admissible during the execution of work as well as after its completion.
- 1.16(a) The building work will be carried out in the manner complying in all respect with the requirements of relevant bylaws of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-charge and nothing extra will be paid on this account.
 - (b) The work of water supply, internal sanitary installations and the drainage work etc may required to be carried out as per local Municipal Corporation or such local body-Bylaws and the contractor in such cases shall produce necessary completion certificate from such authorities after completion of the work.
- 1.17 The contractor shall give a performance test of the entire installation(s), as per standing specifications, before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for the test .
- 1.18 The work pertaining to the items of internal finishing should be started in consultation and with prior approval of Engineer-in-Charge as soon as the structure of two floors is completed.
- 1.19 Any damage to work resulting from weathering conditions, defacing or from any other cause such as negligent act on the part of contractor, until the work is taken over by the Department after completion of work, shall be made good by the contractor at his own cost .
- 1.20 Dismantling of cement concrete floors inside the quarters shall be done with the help of mechanized vibratory hammer, drills etc. The work shall be carried out in such a way that there should be least disturbance to the adjoining allottees and work should be completed within least possible time. The contractor must ensure that there should be no damage to the supporting RCC members.
- 1.21. To avoid disputes later on, contractor in advised to get the measurement recorded within a week's time and shall submit his bills as per relevant clause (6A) of contract. Any dispute regarding measurement including work done shall be judged within a week's time failing which measurement, certified and recorded, shall be entertained.
- 1.22. Any damage to the building, furniture, fittings of any other articles etc. done by the contractor or his workmen during the execution of work, shall be made good by the

- contractor, failing which the same shall be made good by the Engineer-in-charge or his authorized representative at the risk and cost of the contractor.
- 1.23. All doors, windows, floors, furniture, electrical fittings and other articles shall be protected from dust, splashes & damages sufficient covering for the day's work shall be shown to the representative of the Engineer-in-charge before the contractor is allowed to proceed with the work, splashes & droppings from white washing, colour washing, distemping painting etc. on walls, floors, doors and window, down take pipes, furniture shall be removed by the contractor at his own cost and surface cleaned simultaneously after the completion of the day's work is done, without waiting for the actual completion of the other items of work of the contract. In case the contractor fails to comply with this requirement the Engineer-in-charge or his authorized representative shall be the right to get this work done at the risk and cost of the contractor either departmentally or through another agency without issue of any notice to the contractor, departmentally or through another agency without issue of any notice to the contractor, on his account. The representative of the Engineer-in-charge will however, mention about it in the site order Book employing the labour on the job at the contractor's cost.
- 1.24. Full quantity of material such as paint plastic emulsion paint, oil bound distemper etc. shall be deposited in sealed container in advance and get it checked by Engineer-in-charge before use.
- 1.25. Shifting of furniture such as sofa table, chairs, glass etc. and making necessary arrangements to protect the furniture, carpets, and floors etc. from any spillage during the execution of work shall be done by the contractor. Any damage if done, shall be made good by the contractor at his own cost, nothing shall be paid extra in this regard.
- 1.26. The work of addition and alterations covered under the contract shall be carried in the individual quarters. The quarters/ bungalows may be made available to the contractor for execution of work in piece meal/ in parts, and the contractor shall execute the work in these quarters made available to him. The contractor shall not claim anything extra over agreement rates, due to execution of works in piece meal manner.
- 1.27. No labour huts shall be allowed inside the campus of above said work. The contractors shall arrange for the stay of labours outside the campus including transport and nothing extra shall be payable on this account.
- 1.28. Residential bungalows under upgradation shall be handed over to contractor in phased manner as required. However contractor shall make arrangement for up gradation work for at least 4(four) bungalows at-a-time depending upon the urgency of the work.
- 1.29 **TESTING OF MATERIALS**
- (a) Samples of various materials required for testing shall be provided free of cost by the contractor. Testing charges, if any, shall be borne by the contractor including All other expenditures required to be incurred for taking the samples, conveyance, packing etc.
- (b) The contractor shall produce all the materials in advance so that there is sufficient time for testing and approval of the materials and clearance before use in work . The Engineer in charge shall be at liberty to test representative sample(s) of each item of schedule of quantity in any approved laboratory as decided by him. The sample of testing shall be provided by the contractor free of cost. Any expenditure required to be incurred for taking sample, conveyance and packing shall be borne by the contractor. In case of any sample of particular lot fails in testing the contractor shall be bound to replace the entire lot with fresh material of prescribed specifications. The rejected lot shall be returned to the contractor only after fresh lot is supplied. Testing charge in respect of failed sample will be recovered from the contractor.
- (c) With a view to avoid controversy about quality of cement concrete as revealed in the test results of 7 days cubes falling short of the prescribed standards by over 10% to 20% and pending testing of balance 3 cubes for 28 days as final confirmatory acceptance tests, crushed samples of cement concrete from the failed 7 days cubes should be preserved in a sealed bag .

- (d) In case of concrete and reinforced concrete work, the contractor shall be required to make arrangement for carrying out crushing strength tests at his own cost . He shall render all assistance for the preparation of cubes, safe custody of the same, proper curing and carriage upto the laboratory where the test is to be performed. The cube test can be performed at any laboratory approved by the Engineer-in-charge .
- 1.30 No labour huts shall be allowed inside the campus of above said work. The contractor shall make his own arrangement for the stay of labour outside the campus including transportation and nothing extra shall be payable on this account.
- 1.31 The work is required to be executed in LBZ Area (restricted site), in odd hours and the agency shall plan the work to be carried out accordingly.
- 1.32 There may be some restrictions on free movement of labourers at site and restriction of working hours and the agency shall consider this fact while quoting the rates and executing the work. Photo passes if any required for worker shall be responsibility of the contractor.
- 1.33 Existing drains, pipes, cables, overheads wires, sewer lines and water lines and similar services encountered in the course of the execution of the work shall be protected against the damage by the contractor at his expenses. 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.
- 1.34 Malba received from site shall be removed to designated site (fixed by Engineer in charge) on same day, otherwise it will be removed and a penalty of Rs. 500/- shall be imposed on the contractor for each day of default
- 1.35 Before dismantling the structure / item the contractor shall bring the entire material required for particular job at site after getting the sample approved from the Engineer in charge.
- 1.36 The Engineer employed by the contractor must attend the office of AE/JE in charge daily and note any instructions given on site order book.
- 1.37 For mixing of mortar, M.S. sheet must be used over the brick platform. Mortar should not be mixed on road or floor or on garden. In case mortar / concrete is mixed on floor or on road etc., a recovery of Rs. 1000/- shall be made for each default. Malba should not be dumped over green grass / plants.
- 1.38 Splashes on the floors, walls, glasses & other places must be removed after completion of work. Glass panes must be cleaned after completion of works. In the event of failure to clean splashes the work of cleaning will be got done at the risk and cost of the agency.
- 1.39 Due to restriction of driving slow moving vehicle / hand driven rickshaw in NDMC areas, it is required that contractor should not operate the hand driven rickshaw. Contractor has to make his own arrangement of desired transportation & nothing extra shall be payable on this account.
- 1.40 Before starting the work the contractor shall chalk out a programme in consultation with the Junior Engineer / Assistant Engineer in charge so as to inform the occupants in advance. The contractor shall have to adhere this programme, failing which he shall be held responsible for any inconvenience caused to the occupants. In order to ensure that the work is carried out according to the programme drawn up, the contractor shall ensure adequate supply of the material and employ required labour strength for execution of work. In case contractor fails to arrange / employ adequate labour and stick to the programme, the Engineer in charge may supplement the labour at the risk and cost of the contractor after issue of one day's notice to the contractor through site order book. No claim for idle labour shall be entertained. The contractor shall put his representative daily on site of work. His name & signature shall be attested by the contractor on the record for the department.
- 1.41 The contractor shall prepare one sample of all items which should be got approved from the Engineer in charge. Only after acceptance of sample work, contractor will be allowed to commence the work and sample is to be preserved by contractor till the whole work is completed. The quality of work should confirm to the approved samples.
- 1.42 The contractor should note that the items of work in any room shall be undertaken at one time, one after the other and completed at one stretch in reasonable time allotted for the same by Engineer in charge and got noted by the Junior Engineer in charge. Any item left over in any building will be got done at his risk and cost without any further notice (other than one entry in the site order book) to the contractor after one day from the date of entry in the site order book

- 1.43 No T & P shall be supplied by the department.
- 1.44 Any damage done to the existing structure shall be made good by the contractor at his own risk and cost.
- 1.45 The contractor shall be responsible for behavior and conduct of his worker. No worker with doubtful integrity or having a bad record shall be engaged by the contractor.

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SPECIAL CONDITION AS PER NGT GUIDELINES

The guidelines regarding preventive measures for Air Pollution from demolition & construction activities issued by Delhi Pollution Control Committee vide no. DPCC/EIA/Res-001 to 172 /NGT-21/2015/225-408 dated 17.04.2015 in compliance of Hon'ble National Green Tribunal directions enclosed herewith are applicable to the contractor. All appropriate protection measures as per NGT & DPCC guidelines shall be taken by the contractor at his own cost. Nothing extra shall be payable to the contractor on this account.

Hon'ble National Green Tribunal in its order dated 04.12.2014 in respect of air pollution from dust resulting from demolition and construction activity inter-alia has directed as follows:

- I. No government, authority, contractor, builders or any person would be permitted to store/dump construction material or debris on metalled road.
- II. Beyond the metalled road the area where such the construction material or debris can be stored shall be physically demarcated by officers of all the concerned Authorities / Corporation ensuring that it would not cause any obstruction to the free flow of traffic / inconvenience to the pedestrians. It should be ensured that no accidents occur on account of such permissible storage.
- III. Every builder, contractor or person shall ensure that the construction material is covered by tarpaulin and all other precaution should be taken to ensure that no dust particles are permitted to pollute air quality as a result of such storage. It shall also be ensured that appropriate protection measures are taken by raising wind breakers of appropriate height on all sides of the plot/area using plastic and/or other similar material to ensure that no construction material dust fly outside the plot area and it will be the builder/contractor responsibility to ensure that their activity does not cause any air pollution during course of construction and/ or storage of material or construction activity. This condition shall be strictly adhered to by every builder, contractor, person or authority. In the event of default they shall be liable to be prosecuted under the law in force, as well as for causing environmental pollution and will be liable to pay compensation which would be determined by Tribunal in accordance with law.
- IV. All the trucks or vehicles of any kind which are used for construction purposes/ are carrying construction material like cement, sand and other allied material should be fully covered. The vehicles should be properly cleaned should be dust free and every necessary precautions is to be taken to ensure that en route their destination, the dust, sand or any other particles are not permitted to be released in air/contaminate air. Any truck not complying with the above directions would not be permitted to enter the Campus.

Hon'ble National Green Tribunal in order Dated 10.04.2015 inter-alia has directed as follows:

1. Every builder or owner shall put tarpaulin on scaffolding around the area of construction and the building. No person including builder, owner can be permitted to store any construction material particularly sand on any part of the street, roads in any colony.
2. The construction material of any kind that is stored in the site will be fully covered in all respects so that it does not disperse in the Air in any form.
3. All the construction material and debris shall be carried in the trucks or other vehicles which are fully covered and protected so as to ensure that the construction debris or the construction material does not get dispersed into the air or atmosphere, in any form what so ever.
4. The dust emissions from the constructions site should be completely controlled and all precautions taken in that behalf.

5. The vehicles carrying construction material and construction debris of any kind should be cleaned before it is permitted to ply on the road after unloading of such material.
6. Every worker working on the construction site and involved in loading, unloading and carriage of construction material and construction debris shall be provided with mask to prevent inhalation of dust particles.
7. Every owner and or builder shall be under obligation to provide all medical help, investigation and treatment to the workers involved in the construction of building and carry of construction material and debris relating to dust emissions.
8. It shall be the responsibility of every builder to transport construction material and debris waste to construction site, dumping site or any other place in accordance with rules and terms of this order.
9. All to take appropriate measures and to ensure that the terms and conditions of the earlier order and these orders should strictly comply with by fixing sprinklers, creations of green air barriers.
10. Compulsory use of wet jet in grinding and stone cutting.
11. Wind breaking wall around construction site.
12. All the builders who are building commercial, residential complexes which are covered under the EIA Notification 2006 shall provide green belt around the building that they construct. All authorities shall ensure that such green belts are in existence prior to issuance of occupancy certificate.
13. All builders shall ensure that C&D waste is transported in terms of this order to the C&D waste site only and due record in that behalf shall be maintained by the builders, transporters and NCR of Delhi.
14. Even if constructions have been started after seeking environmental clearance under EIA notification 2006 and after taking other travel but is being carried out without taking the preventive and protective environmental steps as stated in this order and MoEF guidelines 2010, the State Government, SPCB and any officer of any department as foretasted shall be entitled to direct stoppage of work.

Environmental Impact Assessment Guidance Manual for Building, Construction, Township and area development Projects of February, 2010 is available on the website of MoEF & CC envisaging the following guidelines for mitigation measures in respect of dust control from Building, Construction Projects:

“Adopting techniques like, air extraction equipment, and covering scaffolding, hosing down road surfaces and cleaning of vehicles can reduce dust and vapour emissions. Measures include appropriate containment around bulk storage tanks and materials stores to prevent spillages entering water courses.

15. The others measures to reduce the air pollution on site are:-
 - 1 Sprinkling of water and fine spray from nozzles to suppress the dust.
 - 2 On-Road-Inspection should be done for black smoke generating machinery.

- 3 Promotion of use of cleaner fuel should be done.
- 4 All DG sets should comply emission norms notified by MoEF.
- 5 Vehicles having pollution under control certificate may be allowed to ply.
- 6 Use of covering sheet to prevent dust dispersion at buildings and infrastructure sites, which are being constructed.
- 7 Use of covering sheets should be done for trucks to prevent dust dispersion from the trucks, implemented by district offices.
- 8 Paving is a more permanent solution to dust control, suitable for longer duration projects. High cost is the major drawback to paving.
- 9 Reducing the speed of a vehicle to 20kmph can reduce emissions by a large extent. Speed bumps are commonly used to ensure speed reduction. In cases where speed reduction cannot effectively reduce fugitive dust, it may be necessary to divert traffic to nearby paved areas.

Material storages/ warehouses- Care should be taken to keep all material storages adequately covered and contained so that they are not exposed to situations where winds on site could lead to dust/particulate emissions. Fabrics and plastics for covering piles of soils and debris is an effective means to reduce fugitive dust.”

By way of these orders/notice you are hereby notified for mandatory strictly adherence to and compliance of the directions contained in the order of Hon’ble Tribunal as well as MoEF guidelines, 2010 in relation to precautions required to be taken while carrying on construction activities.

Copy of NGT orders dated 04.12.2014, 10.04.2015 copy of MoEF guidelines 2010 and copy of notice issued are available at the DPCC website also i.e. “<http://dpcc.delhigovt.nic.in>.”

Please note that the non-compliance of Hon’ble NGT order will make you liable for action as per law including the directions for stoppage of work.

PARTICULAR SPECIFICATIONS

1.0 GENERAL

- 1.1) The work shall be executed and measured as per metric dimensions given in the Schedule of quantities, drawings etc. (F.P.S. units wherever indicated are for guidance only).
- 1.2) All stone aggregate and stone ballast shall be of hard stone variety to be obtained from approved quarries to be got approved from the Engineer-in-charge .
- 1.3) Sand to be used for cement concrete work, mortar for masonry and plaster work shall be of standard quality and shall be obtained from approved source to be got approved from the Engineer-in-charge and screened as required. The same shall consist of hard siliceous material. It shall be clean sand.
- 1.4) Unless otherwise specified in the schedule of quantities, the rate of all items of the work shall be considered as inclusive of pumping out or bailing out water, if required, for which no extra payment will be made .This will include water encountered from any source such as rains, floods , sub-soil water table being high or due to any other cause whatsoever.
- 1.5) All the materials required to be tested shall be tested as per provisions of the relevant I.S. Codes. Should there be any difference between acceptance CRITERIA given in I.S. Codes, C.P.W.D. specifications and special conditions, the acceptance CRITERIA shall be in the following order of precedence :
 1. C.P.W.D. Specifications
 2. I.S. Codes
 3. Special/ Additional conditions

ADDITIONAL CONDITIONS FOR CEMENT

1.0 CONDITIONS FOR CEMENT

- 1.1 The contractor shall procure 43 grade (conforming to IS: 8112) Ordinary Portland cement, as required in the work, from reputed manufacturers of cement having a production capacity not less than one million tonnes or more per annum, such as ACC, Ultra Tech, J.P. Cement, Vikram, Shri Cement, Birla Cement, JK Cement and Cement Corporation of India etc., as approved by the Ministry of Industry, Govt. of India, and holding license to use ISI certification mark for their product. Portland puzzolana cement (fly ash based) conforming to IS: 1489 part I of equivalent grade shall also be allowed in non-structural works. The tenderers may also submit a list of names of cement manufacturers which they propose to use in the work. The tender accepting authority reserves right to accept or reject name(s) of cement manufacturer(s) which the tenderer proposes to use in the work. No change in the tendered rates will be accepted if the tender accepting authority does not accept the list of cement manufacturers, given by the tenderer, fully or partially. The supply of cement shall be taken in 50 kg bags 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 the 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 Commandant Engineer, CZ to do so.
- 1.2 The cement shall be brought at site in bulk supply of approximately 10 tonnes or as decided by the Commandant Engineer, CZ. The cement godown of the capacity to store a minimum of 2000 bags of cement shall be constructed by the contractor at site of work for which no extra payment shall be made.
- 1.3 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 Commandant Engineer, CZ at any time.
- 1.4 The cement shall be got tested by Commandant Engineer, CZ and shall be used on the work only after satisfactory test results have been received. The contractor shall supply free of charge the cement required for testing including its transportation cost of testing laboratories. The cost of test shall be borne by the contractor /department in the manner indicated below:
- a) By the contractor, if the results show that the cement does not conform to relevant BIS Codes.
 - b) By the department, if the results show that the cement conforms to relevant BIS Codes.
 - c) If the cement brought is in smaller lots than specified in para 1.2 above, the cost of testing charges beyond the permissible frequency shall be borne by the contractor until and unless specifically directed otherwise, in writing, by the Commandant engineer, CZ.

- 1.5 The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in Clause 39 of the contract and shall be governed by conditions laid therein. In case the cement consumption is less than theoretical consumption including permissible variation, recovery at the rate so prescribed shall be made. In case of excess consumption no adjustment needs to be made.
- 1.6 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 Commandant Engineer, CZ.
- 1.7 The damaged cement shall be removed from the site immediately by the contractor on receipt of a notice in writing from the Commandant Engineer, CZ. If he does not do so within three days of receipt of such notice, the Commandant engineer, CZ shall get it removed at the cost of the contractor.

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CONTRACTOR'S LABOUR REGULATIONS

Short Title:

1. These regulations may be called the "Contractors" Labour regulations".
2. If these regulation, unless otherwise expressed or indicated the words and expressions shall have the meaning hereby assigned to them respectively that is to say.
 - (i) "Labour" means worker employed by the Corporation's contractor directly or indirectly through a subcontractor or other persons or by an agent on his behalf.
 - (ii) "Fair Wages" means wages whether for time or piece work notified at the time of inviting Tenders for work and where such wages prescribed by the Government of India in the Ministry of Labour and Employment vide SO No.1917 published in the Gazette of India. Extraordinary Part 11 Section (3) subsection (ii) dated 19.5.1969.
 - (iii) "Contractor" shall include every person whether a sub-contractor or head man or agent employing labour on the work taken on contract.
 - (iv) "Wages" shall have the same meanings as defined in the payment of Wages Act and include time and piece rate wages.
- 2a. Normally working hours of an adult employee should not exceed 8 hours a day; the working day shall be so arranged that inclusive of interval for rest, if any it shall not spread even more than 12 hours on any day.
- 2b. When an adult worker is made to work for more than 9 hours on any day or for more than 48 hours in any week he shall be paid overtime for the extra hours put in by him at double the ordinary rate of wages.
- 2c. Every worker shall be given a paid weekly holiday normally on Sunday in accordance with the provisions of minimum wages (central rules, 1960 as amended from time to time irrespective of whether such worker is governed by the Minimum Wages Act 1948 or not).
3. Display of Notice regarding Wages etc. The contractor shall :
 - (a) Before the commences his work on contract display and correctly maintain and continue to display and correctly maintain in a clean and legible condition in conspicuous places on the work, Notice in English and in the local Indian Language spoken by the majority workers, giving the rate of wages which have been certified by the Executive Engineer, Regional Labour Commissioner, as fair wages and the hours of work for which such wages are earned and
 - (b) Send a copy of such Notices to the certifying officer.
4. Payment of wages
 - (i) Wages due to every worker shall be paid to him direct.
 - (ii) All wages shall be paid in current coin or currency or in both.
 - (iii) Arrears claimed after 3 months after the completion of work shall not be entertained.
5. Fixation of Wage Period (i) The contractor shall fix the wage period in respect of which the wages shall be payable.

The minimum daily rates of wages fixed under Notification of Government of India in the Ministry of Labour and Employment S.O. 1971 dated 19th May, 1969 are inclusive of wages for weekly day of rest and the question of extra payment for weekly holiday would not arise.

 - (i) No wage period shall exceed one month.

(ii) Wages of every worker employed on the contract shall be paid (a) in case of establishment in which wage period is one week within 3 days from the end of the wages period and (b) in the case of other establishments before the expiry of the 7th day or 10th day from the end of the wage period according as the number of workers employed in such establishments does not exceed 1000 or exceeds 1000.

(iii) When the employment of any worker is terminated by or on behalf of the contractor the wages earned by him shall be paid before the expiry of the day exceeding the one on which his employment is terminated.

(iv) All payment of wages shall be made on a working day except when the work is completed before the expiry of wage period; in which case final payment shall be made within 48 hours of the last working day at work site and during the working time.

NOTE: - The term working day” means a day on which the work on which the labour is employed, is in progress.

6. Wage Book and Wage Slips etc. :-

(i) The contractor shall maintain a Wage Book of each worker in such form as may be convenient at the place of work, but the same shall include the following particulars.

(a) Name of the worker

(b) Rate of daily or monthly wages

(c) Nature of work on which employed

(d) Total number of days worked during each wage period

(e) Dates and period for which worked overtime

(f) Gross payable for the work during each wage period.

(g) All deductions made from the wage with an indication in each case of the ground for which the deduction is made

(h) Wages actually paid for each wage period.

(i) Signature or thumb impression of the worker

(ii) The contractor shall also issue a wage slip containing the aforesaid particulars to each worker employed by him on the work at least a day prior to the day of disbursement of wages.

(iii) The contractor shall issue an Employment Card in the prescribed Form III to each worker on the day of work or entry into his employment. If the worker has already any such card with him from the previous employer the contractor shall merely endorse that Employment Card with relevant entries. On termination of employment the employment card shall again be endorsed by the contractor and returned to the workers.

(iv) The contractor shall issue an attendance-cum-wages card as per Form IV attached to each worker on the day of each worker on entry into his employment.

7. Register of unpaid wages : The contractor shall maintain a register of unpaid wages in such form as may be convenient at the place of work but the same shall include the following particulars.

(a) Full particulars of the labourers where wages have not been paid

(b) Reference number of the muster roll and wage register.

(c) Rate of wages

(d) Wage period

(e) Total amount not paid

(f) Reasons for not making payment

- (g) How the amount of unpaid wages was utilized
- (h) Acquaintance with dates.

8. **Register of Accidents** :- The contractor shall maintain register of accidents in such form as may be convenient at the work place but the same shall include the following particulars :-
- (a) Full particulars of the labourers who met with accident.
 - (b) Rate of Wages
 - (c) Sex
 - (d) Age
 - (e) Nature of accident and cause of accident.
 - (f) Time and date of accident
 - (g) Date and time when admitted in hospital
 - (h) Date of discharge from the hospital
 - (i) Period of treatment and result of treatment
 - (j) Percentage of loss of capacity and disability as assessed by Medical Officer
 - (k) Claim required to be paid under Workman's Compensation Act.
 - (l) Date of Payment of compensation
 - (m) Amount paid with details of persons to whom the same was paid
 - (n) Authority by whom the compensation was assessed
 - (o) Remarks.

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SAFETY CODE

Safety Code

- (i) Suitable scaffolds should be provided for workmen for all works that cannot safely be done from the ground or from solid construction except such short period works as can be done safely from ladders. When a ladder is used an extra mazdoor shall be engaged for holdings the ladder and if the ladder is used for carrying material is well, suitable footholds and handholds shall be provided on the ladder and the ladder shall be given an inclination not steeper than $\frac{1}{4}$ to 1 (4 horizontal and 1 vertical).
- (ii) Scaffolding or staging more than 12 ft. Above the ground or floor, swung or suspended from an overhead support or erected with stationary support shall have guard rail properly attached bolted, braced and otherwise secured at least 3 feet high above the floor or platform of such scaffolding or staging and extending along with entire length of the outside and ends thereof with only such opening as may be necessary for the delivery of materials. Such scaffolding shall be so fastened as to prevent it from swaying from the building or structure.
- (iii) Working platform, gangways, and stairways should be so constructed that they should not sag unduly or unequally and if the height of the platform or the gangway or the stairway is more than 12 feet above ground level or floor level, they should be closely boarded, should have adequate width and should be suitably fastened, as described in (ii) above.
- (iv) Every opening in the floor of a building or in a working platforms be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or raiding whose minimum height shall be 3-0".
- (v) Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed; no portable single ladder shall be over 30 feet in length while the width between side rail in rung ladder shall in no case be less than 11-1/2" for ladder upto and including 10 feet in length. For longer ladders this width should be increased at least $\frac{1}{2}$ " for each additional foot or length. Uniform step spacing shall not exceed 12. Adequate precautions shall be taken to prevent danger from electrical equipment's. No materials on any of the sites of work shall be so stacked or placed as to cause danger or inconvenience to any person of the public. The contractor shall provide all necessary fencing and lights to protect the public from accidents, and shall be bound to bear the expenses of defense of every suit, action or other proceedings at law that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any damaged and cost which may be awarded in any such suit, action or proceedings to any such persons or which may with the consent of the contractor be paid to compromise any claim by any such persons.
- (vi) Excavations and Trenching All trenches four feet or more in depth, shall at all times be supplied at least one ladder for each 100 feet in length or fraction thereof ladder shall be extended from bottom of trench to at least 3" above the surface of the ground, the side of trench which are 5", or more in depth shall be stepped back to give suitable slope or security held by timber bracing so as to avoid the danger of side to collapse. The material shall not be placed within 5 feet of the trench or half of the depth of trench whichever is more. Cutting shall be done from top to bottom. Under no circumstances undermining or undercutting shall be done.
- (vii) Demolition: Before any demolition work is commenced and also during the process of the work:
 - (a) all roads and open areas adjacent to the work site shall either be closed or suitably protected;

(b) no electric cable or apparatus which is liable to be a source of danger over a cable or apparatus used by the operator shall remain electrically charged.

(c) all practical steps shall be taken to prevent danger to persons employed from risk of fire or explosion or flooding. No floor, roof or other part of the building shall be over-loaded with debris or a material as to render is unsafe.

(viii) All necessary personal safety equipment as considered adequate by the Engineer-in-charge should be kept available for the use of the person employed on the site and maintained in a condition suitable for immediate use and the contractor should take adequate steps to ensure proper use of equipment by those concerned.

(a) Worker employed on mixing asphaltic materials, cement and lime mortar shall be provided with protective footwear and protective goggles.

(b) Those engaged in white washing and mixing or staking of cement bags or any material which is injurious to the eyes shall be provided with protective goggles.

(c) Those engaged in welding works shall be provided with welder's protective eye shields.

(d) Stone breakers shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.

(e) When workers are employed in sewers and manholes, which are in used, the contractor shall ensure that the manhole covers are opened and are ventilated at least for an hour before the workers are allowed to get into the manholes and the manholes so opened shall be cordoned off with suitable railing and provided with warning signals or boards to prevent accident to the public.

(f) The contractor shall not employ men below the age of 18 years and women on the work of painting with products containing lead in any form. Wherever men above the age of 18 years are employed on the work of lead painting the following precautions should be taken.

(g) No paint containing lead or lead products shall be used except in the form of paste or ready-made paint.

(h) Suitable face masks should be supplied for use by the workers when paint applied in the form of spray or a surface having lead paint dry rubbed and scrapped.

(i) Overalls shall be supplied by the contractors to the Workmen and adequate facilities shall be provided to enable the working painters to wash during the course of work.

(j) When the work is done near any place where is risk of drowning, all necessary equipment should be provided and kept ready for use and all necessary steps taken for prompt rescue at any person in danger and adequate provision should be made for prompt first aid treatment of all injuries likely to be sustained during the course of the work.

(k) Use of hoisting machine and tackle including their attachments anchorage supports shall be conform to the following standards or conditions:

1. (a) These shall be of good mechanical construction, sound materials and adequate strength and free from patent defect and shall be kept in good repair and in good working order.

(b) Every rope used in hoisting or lowering, materials or as a means of suspension shall be of durable quality and adequate strength, and free from patent defects.

2. In case of departmental machines, the safe working load shall be notified by the The DIGP, CH, CRPF, Bhubaneswar. As regards contractor's machines the contractors shall notify the safe working load of the machine to the The DIGP, CH, CRPF, Bhubaneswar whenever he brings any machinery to site of work and get it verified by the The DIGP, CH, CRPF, Bhubaneswar.
- (ix) Motors, gearing transmission, electric wiring and other dangerous parts of hoisting appliances should be provided with efficient safeguards. Hoisting appliances should be provided with such means as will reduce to the minimum, the risk of accidental decent of the load, adequate precautions should be taken to reduce and to minimize; the risk of any part of a suspended load becoming accidentally displaced. When workers employed on electrical installations which are already energized insulting mats, wearing apparel, such as gloves, sleeves and boots as may be necessary should be provided. The workers should not wear any rings, watches and carry keys or other materials which are good conductors of electricity.
- (xi) All scaffolds, ladders and safety devices mentioned or described herein shall be maintained in safe condition and no scaffold, ladder or equipment shall be altered or removed while it is in use. Adequate washing facilities should be provided at or near places of work.
- (xi) These safety provisions should be brought to the Notice of all concerned by display on a Notice board at prominent place at work spot. The person responsible for compliance of the safety code shall be named therein by the contractor.
- (xii) To ensure effective enforcement of the rules and regulations relating to safety precautions, the arrangement made by the contractor shall be open to inspection by the Labour Officer, The DIGP, GC, CRPF, Bhubaneswar of the department for their Representatives.
- (xiii) Notwithstanding the above clauses from (i) to(xiv) there is nothing in these to exempt the contractor from the operations of any other Act or rule in force in the Republic of India.

Sd/-22/09/2022

COMMANDANT(ENGR.)
CENTRAL ZONE, CRPF, KOLKATA (W.B)

Signature of Tenderer

**Model Rules for the Protection of Health and Sanitary
Arrangements for Workers Employed
By Contractor**

1. Application

These rules apply to all building and construction works in-charge of Central Reserve Police Force.

2. Definition:

“Work place” means a place at which, at an average 20 or more workers are employed in connection with construction work.

3. First Aid:

- (a) At every work place there shall be maintained in a readily accessible place first aid appliance including an adequate supply of sterilized dressings and sterilized cotton wool.
The appliances be kept in good order and in large work place they shall be placed under the charge of a responsible person who shall be readily available during working hours.
- (b) At large work place, where hospital facilities are not available within easy distance of the work. First Aid post shall be established and be run by a trained compounder.
- (c) Where the large work places are remote from regular hospitals, indoor ward shall be provided with one bed for every 250 employees.
- (d) Where large work places are situated in cities, in town or in their suburbs and no beds are considered necessary owing to the proximity of city or town hospitals suitable transport shall be provided to facilitate removal of urgent cases to the hospitals. At other work places, some conveyance facilities, such as a car shall be kept readily available to injured person or persons suddenly taken seriously ill to the nearest hospital.

4. Drinking Water:

- (a) In every work place, there shall be provided and maintained at suitable places easily accessible to labour a sufficient supply of cold water fit for drinking.
- (b) Where drinking water is obtained from intermittent public water supply, each work place shall be provided with storage where such drinking water shall be stored.
- (c) Every water supply of storage shall be at a distance of not less than 50 feet from any latrine, drain or other source of pollution. Where water has been drawn from an existing well which is within such proximity of latrine, drain or any other source of pollution, the well shall be properly chlorinated before water is drawn from it for drinking. All such wells shall be entirely closed in and be provided with a trap-door which shall be dust free and waterproof.
- (d) A reliable pump shall be fitted to each covered well the trap-door shall be kept locked and opened only for cleaning or inspection which shall be done at least once a month.

5. Washing and Bathing Place:

- (i) Adequate washing and bathing places shall be provided, separately for men and women,
- (ii) Such places shall be kept in clean and drained condition.

6. Scale of Accommodation in Latrines and Urinals:

These shall be provided within the precincts of every work place latrines and urinals in an accessible place, and the accommodation, separately for each of them: shall not be less than the, following scale

	<u>No. of seats</u>
(a) Where the number of person does not exceed 50	2
(b) Where the number of persons exceeds 50, but does not exceeds 100	3
(c) For every additional 100	3 per 100

In particular cases the Executive Engineer shall have the powers to vary the scale necessary.

7. Latrines and Urinals for Women:

If women are employed separate latrines and urinals, screened from those for men and marked in the vernacular in conspicuous letters. "For Women only" shall be provided on the scale laid in rule 6. Those for men shall be similarly marked "For men only". A poster showing the figure of a man and a woman shall also be exhibited at the entrance of latrines for each sex. There shall be adequate supply of water close of the urinals and latrines.

8. Latrines and Urinals:

Except in work places provided with water flushed latrines, connected with a water borne sewage system, all latrines shall be provided with receptacles on dry-earth system which shall be cleaned at least four times daily and at least twice during working hours and kept in a strictly sanitary condition. The receptacles shall be tarred inside and outside at least once a year.

9. Construction of Latrine:

The inside walls shall be constructed of masonry or some suitable heat-resisting non-absorbent materials and shall be cement-washed inside and outside at least once a year. The dates of cement washing shall be noted in a register maintained for the purpose and kept available for inspection. Latrines will not be of a standard lower than borne hole system and should have thatched roofs.

10. Disposal of Excreta:

Unless otherwise arranged for by the local sanitary authority arrangements for proper disposal of Excreta by incineration at the work place shall be made by means of suitable incinerator approved by the Assistant Director of Public Health or the Municipal Medical Officer of health, as the case may be, in whose jurisdiction the work place is situated. Alternatively excreta may be disposed off by putting a layer of night soil at the bottom of pucca tank prepared for the purpose and covering it with a 6" layer of waste or refuse and then covering it up with a layer of earth for a fortnight (when it will turn into manure).

11. Provision of Shelters during rest:

At every work place there shall be provided, free of cost, two suitable sheds one for meals and the other for rest separately for men and women for the use of labour. The height of the shelter shall not be less than 11 feet from the floor level to the lowest part of the roof. The sheds should be roofed with at least thatch and mud flooring will be provided with a dwarf wall around not less than 2-1/2 feet. Sheds should be kept clean and space should be on the basis of at least 5 square feet per head.

12. Creches:

At every work place, at which 50 or more women workers are ordinarily employed, there shall be provided two huts for the use of children under the age of 8 years belonging to such women. One hut shall be used for infant's games and play and the other as their bed room. The huts shall not be constructed on a lower standard than the following.

- (i) Thatched roof.

(ii) Mud floors and walls

(iii) Planks spread over the mud floor and covered matting.

The huts shall be provided with suitable and sufficient openings for light and ventilation. There shall be adequate provision of sweeper to keep the place clean. There shall be two Dais in attendance. Sanitary utensils shall be provided to the satisfaction of the Health Officer of the area concerned. The use of the hut shall be restricted to children their attendants and mothers of the children.

(a) Where the number of women workers is more than 25 but less than 50, the contractor shall provide at least one hut and one Dais to look after the children of women workers.

(b) The size of crèche or crèches shall vary according to the number of women workers.

(c) The crèche or crèches shall properly be maintained and necessary equipment like toys etc. shall be provided.

13. Canteen

A cooked foods canteen on moderate scale shall be provided for the benefit of workers wherever it is considered expedient.

14. The above rules shall be incorporated in the contracts and in Notices inviting Tenders and shall form an integral part of the contract.

Signature of Tender Form issuing officer

Sd/-22/09/2022

COMMANDANT(ENGR.)
CENTRAL ZONE, CRPF, KOLKATA(W.B)

Signature of Tenderer

TENDER ACCEPTANCE LETTER

(To be given on company Letter Head)

Date:

To,

The DIGP (Med)
CH,CRPF,BBSR
Nayapalli, Bhubneswar - 751011

Subject: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender/Work:- Repair and Painting works of X-Ray, Mammography, Kitchen, Patient Ward and Wash rooms of CH Bhubanesar at Nayapalli,Odisha-751011.

Respected Sir,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely: **e-procure** as per your advertisement, given in the above mentioned website(s).
2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. 01 to 32 (including all documents like annexure(s), schedule(s), etc.), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organization too have also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. In case any provisions of this tender are found violated , then your department/ organization shall without prejudice to any other right or remedy be at liberty to reject this tender/bid including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully,

(Signature of the Bidder, with Official Seal)

PERFORMA FOR AGREEMENT

I/We have read and examined the notice inviting tender, schedule, specification. General Rules and directions, conditions of contract clauses of contract, special conditions and other documents and rule 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 President of India within the time specified in schedule. viz schedule of quantities and in accordance in all respects with the specifications and instructions in writing and with such materials as are provided for by and in respects in accordance with such conditions so far as applicable.

I/We agree to keep the tender open for one hundred eighty (180) days from the due date of submission thereof and not to make any any modification in its terms and conditions.

I/We fail to commence the work specified I/We agree that the said President of India or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit. I shall be retained by him towards Bid Security Declaration' to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to there in and to carry out such deviation as may be ordered up to the maximum of the percentage mentioned in schedule to be in clause 12.2 and 12.3 of the tender form.

I/We hereby declare that I/We shall treat the tender documents. and other records connected with the work as secret confidential document and shall not communicate information/derived there form to any person other than person to whom I/We may be utilized to communicate the same or use the information n any manner prejudicial to the safety of the state.

I/We agree that should I/We fail to commence the work specified in the above memorandum an amount equal to performance guarantee and security deposit shall be absolutely forfeited to the President of India and the same may be at the option of the competent authority on behalf of the President of India be recovered without prejudice to any other right to remedy available in law out of the deposit in so far the same may extend in terms of the said bond and in the event 4nt of deficiency out on any other money due to me/ us under this contract or otherwise.

Dated _____

Signature of the contractor

Witness

Postal address

Address-

Occupation

Signature of Tender Form issuing officer

Sd/-22/09/2022

COMMANDANT(ENGR.)
CENTRAL ZONE, CRPF, KOLKATA(W.B)

Signature of Tenderer

CONDITIONS OF CONTRACT

Definition:-

1. The Contract means the documents forming the Tender and acceptance thereof and the formal Agreement executed between the Commandant Engineer, CZ CRPF and the contractor, together with the documents referred to therein including these conditions, the, specifications, designs, drawings and instructions issues from time to time from the office of DIGP(Med), CH, CRPF, Bhubaneswar and all these documents taken together, shall be deemed to form one contract and shall be complementary to one another.
2. In the contract the following expression shall, unless the context otherwise requires, have the meaning, hereby respectively assigned to them:-
 - a) The expression 'Work' or work shall, unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the work by or by virtue of the contract contracted to the executed whether temporary or, permanent, and whether original, altered, substituted or additional.
 - b) The 'Site' shall mean the land or other places on, into or through which work is to be executed under the contract or any adjacent land, path or street through which work is to be executed under the contract or any adjacent land, path or street which may be allotted or used for the purpose of carrying out the contract.
 - c) The 'Contractor' shall, mean 'the individual or Firm or Company, whether incorporated or not undertaking the work and shall include the legal personal Representatives of such individual or the persons comprising such firm or company, or the successors of such company and the permitted assignees of such individual or firm or firms or company,
 - d) The 'Force' means the Central Reserve Police Force and its successors.
3. Where the context so required, words imparting the singular only also include the plural and vice versa. Any reference to masculine gender shall wherever required include feminine gender and vice versa.
4. The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates except as otherwise provided, cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the work.
5. In the case of discrepancy between the schedule of Quantities, and the Specifications etc., the following order of preference shall be observed:
 - i) Description of Schedule of Quantities.
 - ii) Particular Specification and Special Conditions, if any.
 - iii) CPWD Specifications.
 - iv) Indian Standard Specifications of BIS.
 - v) Specification notified by local bodies, if any.

If there are varying or conflicting provisions made in any one document forming part of the contract, the Accepting Authority shall be the deciding authority with regard to the intention of the document and his decision shall be final and binding on the contractor.

Any error in description, quantity or rate in Schedule of Quantities or any omission there from shall not vitiate the Contract or release the Contractor from the execution of the whole or any part of the works comprised therein according to drawings and specifications or from any of his obligations under the contract.

CLAUSE-1.

(I) The contractor shall submit an irrevocable Performance Guarantee of 03 % (Three Percent) of the Tendered amount in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement (not withstanding and/or without prejudice to any other provisions in the contract

within period specified in Schedule "F" of „BID Data Sheet" from the date of issue of letter of acceptance. This period can be further extended by the Engineer-in-Charge upto a maximum period as specified in Schedule „F' on written request of the contractor stating the reason for delays in procuring the Performance Guarantee to the satisfaction of the Engineer-in-Charge. This Guarantee shall be in the form of Cash, in case Guarantee amount is less than Rs. 10,000/- or Deposit at Call receipt of any Scheduled Bank / Banker's Cheque of any Scheduled Bank /Demand Draft of any Scheduled Bank /Pay Order of any Scheduled Bank (in case of Guarantee amount is less than Rs.1,00,000/- or Government Securities or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the Form annexed hereto In case the Guarantee amount is more than Rs. One lakh.

(II) The PERFORMANCE GUARANTEE shall be initially valid upto the stipulated date of completion plus 60 days beyond that, in case the time for completion of work gets extended, the contractor shall get the validity of Performance Guarantee extended to cover such extended time for completion of work. After recording of the completion certificate for the work by the competent authority, the Performance Guarantee shall be returned to the contractor without any interest.

(III) The Commandant Engineer, CZ shall not make a claim unearth Performance Guarantee except for amounts to which the Central Reserve Police Force is entitled under the contract (not withstanding and /or without prejudice to any other provisions in the contract agreement) in the event of

(a) Failure by the contractor to extend the validity of the Performance Guarantee as described hereinabove, in which event the The Commandant Engineer, CZ may claim the full amount of the Performance Guarantee.

(b) Failure by the contractor to pay CRPF any amount due, either as agreed by the contractor or determined under any of the Clauses/Conditions of the Agreement, within 30 days of the service of Notice to this effect by The Commandant Engineer, CZ CRPF.

iii) In the event of the contract being determined or rescinded under provision of any of the Clause/Condition of the agreement, the Performance Guarantee shall stand forfeited in full and shall be absolutely at the disposal of the CRPF.

CLAUSE 1A :

The person/persons whose tender(s) may be accepted (hereinafter called the contractor) shall permit Government at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 2.5% of the gross amount of each running and final bill till the sum deducted will amount to security deposit of 2.5% of the tendered value of the work. Such deductions will be made and held by Government by way of Security Deposit unless he/they has/have deposited the amount of Security at the rate mentioned above in cash or in the form of Government Securities or fixed deposit receipts. In case a fixed deposit receipt of any Bank is furnished by the contractor to the Government as part of the security deposit and the Bank is unable to make payment against the said fixed deposit receipt, the loss caused thereby shall fall on the contractor and the contractor shall forthwith on demand furnish additional security to the Government to make good the deficit.

All compensations or the other sums of money payable by the contractor under the terms of this contract may be deducted from, or paid by the sale of a sufficient part of his security deposit or from the interest arising there from, or from any sums which may be due to or may become due to the contractor by Government on any account whatsoever and in the event of his Security Deposit being reduced by reason of any such deductions or sale as aforesaid, the contractor shall within 10 days make good in cash or fixed deposit receipt tendered by the State Bank of India or by Scheduled Banks or Government Securities (if deposited for more than 12 months) endorsed in favour of the Engineer-in-Charge, any sum or sums which may have been deducted from, or raised by sale of his security deposit or any part thereof. The security deposit shall be collected from the running bills and the final bill of the contractor at the rates mentioned above.

The security deposit as deducted above can be released against bank guarantee issued by a scheduled bank, on its accumulations to a minimum of Rs. 5 lac subject to the condition that amount of such bank guarantee, except last one, shall not be less than Rs.5 lac. Provided further that the validity of bank guarantee including the one given against the earnest money shall be in conformity with provisions contained in clause 17 which

shall be extended from time to time depending upon extension of contract granted under provisions of clause 2 and clause 5.

In case of contracts involving maintenance of building and services/any other work after construction of same building and services/other work, then 50% of Performance Guarantee shall be retained as Security Deposit.

The same shall be returned yearwise proportionately.

Note-1: Government papers tendered as security will be taken at 5% (five per cent) below its market price or at its face value, whichever is less. The market price of Government paper would be ascertained by the Divisional Officer at the time of collection of interest and the amount of interest to the extent of deficiency in value of the Government paper will be withheld if necessary.

Note-2: Government Securities will include all forms of Securities mentioned in Rule No.274 of the G.F. Rules except fidelity bond. This will be subject to the observance of the condition mentioned under the rule against each form of security.

Note-3: Note 1 & 2 above shall be applicable for both clause 1 and 1A.

CLAUSE 17

If the contractor or his working people or servants shall break, deface, injure or destroy any part of building in which they may be working, or any building, road, road kerb, fence, enclosure, water pipe, cables, drains, electric or telephone post or wires, trees, grass or grassland, or cultivated ground contiguous to the premises on which the work or any part is being executed, or if any damage shall happen to the work while in progress, from any cause whatever or if any defect, shrinkage or other faults appear in the work within twelve months (six months in the case of work costing Rs. Ten lacs and below except road work) after a certificate final or otherwise of its completion shall have been given by the Engineer in- Charge as aforesaid arising out of defect or improper materials or workmanship the contractor shall upon receipt of a notice in writing on that behalf make the same good at his own expense or in default the Engineer-in-Charge cause the same to be made good by other workmen and deduct the expense from any sums that may be due or at any time thereafter may become due to the contractor, or from his security deposit or the proceeds of sale thereof or of a sufficient portion thereof. The security deposit of the contractor shall not be refunded before the expiry of twelve months (six months in the case of work costing Rs. Ten lacs and below except road work) after the issue of the certificate final or otherwise,

of completion of work, or till the final bill has been prepared and passed whichever is later. Provided that in the case of road work, if in the opinion of the Engineer-in-Charge, half of the security deposit is sufficient, to meet all liabilities of the contractor under this contract, half of the security deposit will be refundable after six months and the remaining half after twelve months of the issue of the said certificate of completion or till the final bill has been prepared and passed whichever is later.

In case of Maintenance and Operation works of E&M services, the security deposit deducted from contractors shall be refunded within one month from the date of final payment or within one month from the date of completion of the maintenance contract whichever is earlier.

Signature of Tender Form issuing officer

Sd/-22/09/2022

COMMANDANT(ENGR.)

CENTRAL ZONE, CRPF, KOLKATA(W.B)

Signature of Tenderer

BID DATA SHEET

1. Schedule of quantities (Enclosed)
2. Schedule of materials to be issued
To the contractor

Sl No.	Description of item	Qty	Rates in figures at which the material will be charged to the Contractor	Place of issue
1	2	3	4	5
N/A				

3. Tools and plant to be hired to the contractor

Sl No.	Description	Hire charged per day	Place of issue
Nil			

4. Extra schedule for specific requirements documents for the work, if any:-
5. **Name of Works : Repair and Painting works of X-Ray, Mammography, Kitchen, Patient Ward and Wash rooms of CH Bhubanesar at Nayapalli, Odisha-751011.**
6. Estimated cost of work : Rs. 4,99,990/-
7. Bidder should submit '2% Earnest Money Deposit'.
8. Performance Guarantee @ 03 % of offered amount of tender to be deposited by a successful contractor/bidder before issuing a work order.
9. Security deposit @ 2.5% of offered amount of tender to be deposited by a successful contractor/bidder before issuing a work order.
10. Officer inviting Tender :- Commandant Engineer, CZ

Maximum percentage of quantity of item of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 and 12.3 as mentioned in CPWD, General Conditions of Contract.
11. Engineer in charge (Site Incharge) : SI/ Civil Biplab Roy, Odisha Sector Hqr, CRPF, Bhubaneswar
12. Accepting authority:- Commandant Engineer, CZ
13. Percentage on cost of materials and labours to cover all overheads and profits 15%
14. Department :- CRPF, Ministry of Home Affairs, Govt of India.
15. Standard schedule of rates: On the basis of AOR of CPWD
16. Standard schedule of rate :- DSR and AOR of CPWD
17. Time allowed for execution of work :- 04 month.
18. Authority to give fair and : _____

Reasonable extension of time: Commandant (Engineer),

For completion of work: 04 Months

19. Specification to be followed CPWD 2019 Vol –I and II with its upto date correction slip /amendments /IScode.

For execution of work : 04 Months

20. Schedule of rates for _____ to be decided on the basis of analysis

Determining rates for _____ on approved labour rates.

Additional altered or _____ and market raters of material

Signature of Tender Form issuing officer

Sd/-22/09/2022

COMMANDANT(ENGR.)

CENTRAL ZONE, CRPF, KOLKATA(W.B)

Signature of Tenderer

**CENTRAL ZONE, CENTRAL RESERVE POLICE FORCE
KOLKATA-700106**

TELEPHONE (CONTROL ROOM)/FAX No-**03323599005**

No. M.III.9/2022-23ARMO CH BBSR

Dated, the 22 /09/2022

Name of works: Repair and Painting works of X-Ray, Mammography, Kitchen, Patient Ward and Wash rooms of CH Bhubanesar at Nayapalli, Odisha-751011.

ABSTRACT OF COST-ORIGINAL ESTIMATE

This page is not to be filled, Item rate to be filled in BOQ Sheet. (Price Bid)

SL. NO.	CODE NO.	SUB-HEADS AND ITEM OF WORK	QTY	UNIT
A	4	CONCRETE WORK		
1	4.1	Providing and laying in position Cement concrete of specified Grade excluding the cost of centering and shuttering-all work upto plinth level.		
1.1	4.1.4	1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 40 mm nominal size derived from natural sources)	1.93	Cum
B	8	CLADDING WORK		
2	8.2	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels.		
2.1	8.2.2	Granite stone slab of colour black, Cherry / Ruby red		
2.1.1	8.2.2.2	Area of slab over 0.50 sqm	8.15	Sqm
3	8.3	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.		
3.1	8.3.2	Granite work	39.75	Metre

4	8.31	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	95.62	Sqm
C	9	WOOD AND PVC WORK		
5	9.12	Extra for providing frosted glass panes 4 mm thick (weight not less than 10 kg per sqm) instead of ordinary float glass panes 4 mm thick (weight not less than 10 kg per sqm) in doors, windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured).	0.24	Sqm
6	9.20	Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.		
6.1	9.20.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	9.24	Sqm
7	9.26	Extra for cutting rebate in flush door shutters (Total area of the shutter to be measured).	9.24	Sqm
8	9.40	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete :		
9.1	9.40.1	2nd class teak wood		
9.1.1	9.40.1.2	50 x 20 mm	16.00	Mtr
10	9.96	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :		
10.1	9.96.2	250x16 mm	4.00	Each
11	9.97	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :		
11.1	9.97.2	250x10 mm	8.00	Each

11.1.2	9.97.4	150x10 mm	32.00	Each
12	9.100	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :		
12.1	9.100.1	125 mm	24.00	Each
13	9.101	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.		
13.1	9.101.2	Twin rubber stopper	24.00	Each
D	10	STEEL WORK		
14	10.29	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete.		
14.1	10.29.2	Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides	12.00	Sqm
15	10.30	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with :		
15.1	10.30.1	4.0 mm thick glass panes (weights not less than 10 kg/ sqm)	3.25	Sqm
16	10.31	Providing and fixing angle iron frames for doors, windows and ventilators of mild steel angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge.	5.20	Kg
E	11	FLOORING		
17	11.39	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.	22.48	Sqm

18	11.41	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.		
18.1	11.41.2	Size of Tile 600x600 mm	68.09	Sqm
F	13	FINISHING		
19	13.43	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :		
19.1	13.43.1	Water thinnable cement primer	96.05	Sqm
20	13.48.2	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10sqm of approved brand and manufacture	22.18	Sqm
21	13.60	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :		
21.1	13.60.1	Two or more coats on new work	118.97	Sqm
22	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :		
22.1	13.61.1	Two or more coats on new work	26.92	Sqm
23	13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	26.20	Sqm
24	13.88	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	76.75	Sqm
G	14	REPAIRS TO BUILDING		
25	14.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.		
25.1	14.1.1	With cement mortar 1:4 (1 cement : 4 fine sand)	27.86	Sqm
H	15	DISMANTLING AND DEMOLISHING		

26	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.		
26.1	15.2.2	Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	3.33	cum
27	15.12	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :		
27.1	15.12.1	Of area 3 sq. metres and below	12	Each
28	15.23	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.		
28.1	15.23.1	For thickness of tiles 10 mm to 25 mm	118.10	Sqm
29	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	27.50	Sqm
I	17	SANITARY INSTALLATIONS		
30	17.7	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:		
31.1	17.7.1	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	2	Each
32	17.18	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.		
32.1	17.18.1	10 litre capacity - White	8	Each
33	17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.		
33.1	17.28.2	Flexible pipe		
33.1.1	17.28.2.1	32 mm dia	2	302.7
34	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.		
		Concealed work, including cutting chases and making good the walls etc.		

34.1	18.8.2	20 mm nominal outer dia Pipes.	36	Mtr
35	18.21	Providing and fixing uplasticised PVC connection pipe with brass unions :		
35.1	18.21.2	45 cm length		
35.1.1	18.21.2.1	15 mm nominal bore	8	Each
36	18.51	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.		
36.1	18.51.1	15 mm nominal bore	8	Each
37	18.53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931		
37.1	18.53.1	15mm nominal bore	8	Each
38	18.53A	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.	24	Each
39	18.58	Providing and fixing PTMT grating of approved quality and colour.		
39.1	18.58.1	Circular type		
39.1.1	18.58.1.2	125 mm nominal dia with 25 mm waste hole	12	Each
J	21	ALUMINIUM WORK		
40	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P.brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :		
40.1	21.1.1	For fixed portion		
40.1.1	21.1.1.3	Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)	70.40	Kg

41	21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):		
41.1	21.3.2	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	4.84	Sqm
42	21.8	Filling the gap in between aluminium frame & adjacent RCC/ Brick/Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.		
42.1	21.8.1	Upto 5mm depth and 5 mm width	19.20	Mtr.

Note: Statutory deductions on account of GST, VAT, income tax and surcharge as applicable shall be made from the gross amount of the bill. The rates quoted by the contractor shall be taken as net and nothing extra shall be paid on any account i.e. royalty, cartage, sales tax, GST etc.

Signature of Tender Form issuing officer

Sd/-22/09/2022
 COMMANDANT(ENGR.)
 CENTRAL ZONE, CRPF, KOLKATA(W.B)

Signature of Tenderer

PERFORMANCE STATEMENT FOR LAST TWO YEARS

Name of Firm:

M/S _____

1. Contract Nos. :
2. Name of work :
3. Quantity on order :
4. Value :
5. Original D.P.:
6. Area of work within original D.P.:
7. Final Ext. D.P.:
8. Last work position. :
9. Reasons for Delay in work:
(If any)

Signature of the tenderer

CONDITIONS OF GCC MAINTENANCE WORKS 2020 TO BE FOLLOWED BY BIDDERS

Clause 1 A. Recovery of Security Deposit - The person/persons whose tender(s) may be accepted (hereinafter called the contractor) shall permit Government at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 2.5% of the gross amount of each running and final bill till the sum deducted will amount to security deposit of 2.5% of the tendered value of the work. Such deductions will be made and held by Government by way of Security Deposit unless he/they has/have deposited the amount of Security at the rate mentioned above in cash or in the form of Government Securities or fixed deposit receipts. In case a fixed deposit receipt of any Bank is furnished by the contractor to the Government as part of the security deposit and the Bank is unable to make payment against the said fixed deposit receipt, the loss caused thereby shall fall on the contractor and the contractor shall forthwith on demand furnish additional security to the Government to make good the deficit.

All compensations or the other sums of money payable by the contractor under the terms of this contract may be deducted from, or paid by the sale of a sufficient part of his security deposit or from the interest arising there from, or from any sums which may be due to or may become due to the contractor by Government on any account whatsoever and in the event of his Security Deposit being reduced by reason of any such deductions or sale as aforesaid, the contractor shall within 10 days make good in cash or fixed deposit receipt tendered by the State Bank of India or by Scheduled Banks or Government Securities (if deposited for more than 12 months) endorsed in favour of the Engineer-in-Charge, any sum or sums which may have been deducted from, or raised by sale of his security deposit or any part thereof. The security deposit shall be collected from the running bills and the final bill of the contractor at the rates mentioned above. The security deposit as deducted above can be released against bank guarantee issued by a scheduled bank, on its accumulations to a minimum of Rs. 5 lac subject to the condition that amount of such bank guarantee, except last one, shall not be less than Rs. 5 lac. Provided further that the validity of bank guarantee including the one given against the earnest money shall be in conformity with provisions contained in clause 17 which shall be extended from time to time depending upon extension of contract granted under provisions of clause 2 and clause 5.

In case of contracts involving maintenance of building and services/any other work after construction of same building and services/other work, then 50% of Performance Guarantee shall be retained as Security Deposit. The same shall be returned year wise proportionately.

Note-1: Government papers tendered as security will be taken at 5% (five per cent) below its market price or at its face value, whichever is less. The market price of Government paper would be ascertained by the Divisional Officer at the time of collection of interest and the amount of interest to the extent of deficiency in value of the Government paper will be withheld if necessary.

Note-2: Government Securities will include all forms of Securities mentioned in Rule No. 274 of the G.F. Rules except fidelity bond. This will be subject to the observance of the condition mentioned under the rule against each form of security.

Note-3: Note 1 & 2 above shall be applicable for both clause 1 and 1A.

CLAUSE 5A- For Maintenance Works estimated cost upto Rs. 25 Lacs (Modified OM No. DG/CON/307 dt. 19.11.2019). Time is the essence of the contract. The time allowed for execution of the work as specified in the Schedule 'F' shall be the essence of the Contract i.e. the contract period will not be extended. The execution of the work shall commence from such time period as mentioned in schedule 'F'. If the contractor commits default in commencing the execution of the work as aforesaid the performance guarantee shall be forfeited by

the Engineer in Charge and shall be absolutely at the disposal of the Government without prejudice to any other right or remedy available in law. 48

Clause 17. Contractor Liable for Damages, defects during defect liability Period - If the contractor or his working people or servants shall break, deface, injure or destroy any part of building in which they may be working, or any building, road, road kerb, fence, enclosure, water pipe, cables, drains, electric or telephone post or wires, trees, grass or grassland, or cultivated ground contiguous to the premises on which the work or any part is being executed, or if any damage shall happen to the work while in progress, from any cause whatever or if any defect, shrinkage or other faults appear in the work within twelve months (six months in the case of work costing Rs. Ten lacs and below except road work) after a certificate final or otherwise of its completion shall have been given by the Engineer in- Charge as aforesaid arising out of defect or improper materials or workmanship the contractor shall upon receipt of a notice in writing on that behalf make the same good at his own expense or in default the Engineer-in-Charge cause the same to be made good by other workmen and deduct the expense from any sums that may be due or at any time thereafter may become due to the contractor, or from his security deposit or the proceeds of sale thereof or of a sufficient portion thereof. The security deposit of the contractor shall not be refunded before the expiry of twelve months (six months in the case of work costing Rs. Ten lakhs and below except road work) after the issue of the certificate final or otherwise, of completion of work, or till the final bill has been prepared and passed whichever is later. Provided that in the case of road work, if in the opinion of the Engineer-in-Charge, half of the security deposit is sufficient, to meet all liabilities of the contractor under this contract, half of the security deposit will be refundable after six months and the remaining half after twelve months of the issue of the said certificate of completion or till the final bill has been prepared and passed whichever is later.

In case of Maintenance and Operation works of E&M services, the security deposit deducted from contractors shall be refunded within one month from the date of final payment or within one month from the date of completion of the maintenance contract whichever is earlier.

Clause 19L. Contribution of EPF and ESI - 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. The verification of deployment of labour will be done through biometric attendance system or any other suitable method by the Engineer in Charge. The applicable and eligible amount of EPF & ESI shall be reimbursed preferably within 7 days but not later than 30 days of submission of documentary proof of payment provided same are in order.

Clause 20. Minimum Wages Act to be Complied With- The contractor shall comply with all the provisions of the Minimum Wages Act, 1948, and Contract Labour (Regulation and Abolition) Act, 1970, amended from time to time and rules framed there under and other labour laws affecting contract labour that may be brought into force from time to time.

Signature of Tender Form issuing officer

Sd/-22/09/2022

COMMANDANT(ENGR.)

CENTRAL ZONE, CRPF, KOLKATA(W.B)

Signature of Tenderer