

**DELHI STATE INDUSTRIAL & INFRASTRUCTURE DEVELOPMENT CORP. LTD.**

**(TECHNICAL CENTRE BUILDING, WAZIRPUR INDL, AREA, DELHI-52.)  
(OFFICE OF THE EXECUTIVE ENGINEER (CD-IX))**

**Name of Work : Maintenance of 300 Nos. CWC at Sultanpuri, Delhi.**  
**Sub Head : Maintenance of DSIIDC ISO Office situated at 300 Nos. CWC at Sultanpuri, Delhi.**

**NOTICE INVITING QUOTATION No. 02/2018-19**

Percentage rate sealed Quotations are invited on behalf of Managing Director, DSIIDC from the Agencies/ Contractors registered with CPWD, Department of Telecommunications, MES, Railways, DDA, NDMC, MCD, I&FC Deptt. (Delhi), DJB & Delhi State PWD, others central/state Govt. Deptts./Corporations undertakings /Development Authorities, having experience in executing of carrying out of similar job for the under mentioned work. Schedule of Quantities and terms & conditions can be had from the website of DSIIDC or from the office of Executive Engineer (CD-IX), DSIIDC Technical Centre Building, Wazirpur Indl. Area, Delhi-52 till 13.06.2018 upto 17:00 Hours. Duly filled Quotations by way of "Two Envelope System" shall be submitted in the office of Executive Engineer (CD-IX), DSIIDC at above mentioned address by 17:00 Hours on dated 13.06.2018 and shall be opened on dated 15.06.2018 at 15:30 Hours in the presence of Quotationers, who wish to present.

The Managing Director reserves the right to reject any / all quotations without assigning any reason or can award the work to more than one Quotationers.

Name of work : Maintenance of 300 Nos. CWC at Sultanpuri, Delhi.

Sub Head : Maintenance of DSIIDC ISO Office situated at 300 Nos. CWC at Sultanpuri, Delhi

Estimate Cost : Rs. 2,40,975/-

Rates : DSR 2014 (minus 12% on DSR 2014 and add 9.52% enhancement on DSR 2014)

Earnest Money : Rs. 4820/-

Time of completion : 4 Months

Last date of submission : 13.06.2018 upto 17:00 Hours.

Terms & conditions

1. Experience : Quotation shall be issued to eligible contractors provided they produce definite proof from appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:-

Three similar works each costing not less than Rs. 96,390/- or two similar works each costing not less than Rs. 1,44,585/- or one similar work costing not less than Rs. 1,92,780/-. The executed work was executed by the Agency in last 7 years ending last day of the month previous to the one in which the quotation are invited. The value of executed work shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to the last date of submission of Quotation.

“Similar work” means “*C/o Building work*”.

2. The Quotationers will have to deposit earnest money in the form of RTGS/ Bank Draft/Call deposit receipt in favour of DSIIDC Ltd. in the Current A/c No **65188577795 IFSC Code SBIN 0050284 at State Bank of India, Wazirpur, Industrial Estate, Delhi-110052.**
3. The Contractor have to submit following documents alongwith the duly filled Quotation:-
  - (1) Detail of RTGS/ Demand Draft towards EMD.
  - (2) Registration/ Enlistment Certificate.
  - (3) Work experience Certificates.
  - (4) Registration certificate under GST valid as on date.
  - (5) PAN card
  - (6) An affidavit that returns have been filed and agency have no dues towards GST up to date.
  - (7) Affidavit regarding submission of EMD & Bank particulars.
  - (8) Affidavit regarding the work, not executed through another Contractor on back to back basis.
  - (9) All the above three affidavits shall be submitted on stamp paper of Rs. 10/- separately for each work.

DSIIDC shall not be responsible in any way for not crediting of EMD amount in the Accounts of DSIIDC by 15.06.2018 upto 15:00 Hours.

In case of Quotation is not accepted as per attached terms & condition of quotation, refund shall be made, to the Contractor directly to his Bank account for which the Quotationer has to provide his Bank details in the following manner in form of Affidavit:-

**A. Name of agency:-**

**B. Bank, Branch code, Place details etc:-**

**C. Account No:-**

**D. IFSC code No.:-**

**E. UTR/RTGS No:-**

4. The L-1 Quotationer shall be required to produce all the documents in original for verification, at the office of Executive Engineer (CD-IX), DSIIDC, on the date and time as intimated by EE (CD-IX). Failure to submit and show the originals of all the relevant documents on the date and time intimated, will enter/ rejection of quotation including forfeiting of EMD.
5. The EMD of Rs 4820/- in the shape of cheque /online payment shall be deposited in favour of DSIIDC vide RTGS in the current account no. 65188577795, IFSC: SBIN 0050284, at State Bank of India, Wazirpur, Industrial estate, Delhi-110052, by the due date of closing of bids. It shall be responsibility of bidders that the cheque / should be credited in the said account within 2 working days of closing of due date of bids. DSIIDC shall not in any way be responsible incase the EMD in not found credited in said account as mentioned above. No cash transaction shall be accepted.
6. The bidders who deposit out station cheque, the additional amount of Rs.500/- shall be deposited in addition to EMD amount. The bank particulars showing the name of Branch, A/C no., Name of agency shall be submitted in the shape of affidavit by every bidder for making refund of EMD amount to unsuccessful bidders.
7. If any discrepancy or any short coming is found at later stage or L1 agency does not turn up for verification of originals and which renders tender of L1 agency as invalid, his EMD amount shall be forfeited and the bidder shall be debarred for tendering for a period of 2 years in DSIIDC.
8. The Contractor, whose Quotation is accepted, will be required to furnish performance guarantee of **5% (Five Percent)** of the tendered amount within the period of 7 days. This guarantee shall be in the form of 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 guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit said performance guarantee within the period as indicated including the extended period, if any, the earnest money deposited by the contractor shall be forfeited automatically without any notice to the contractor.
9. The description of the work is as follows

**Name of Work :** Maintenance of 300 Nos. CWC at Sultanpuri, Delhi.

**Sub Head :** Maintenance of DSIIDC ISO office situated at 300 Nos. CWC at Sultanpuri.

Quotationers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (So far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may requisite and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A Quotationer 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 Quotationer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity, access facilities for workers and all other services required for executing the work unless otherwise specifically provided. Submission of a Quotation by a Quotationer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and local conditions and other factors having a bearing on the execution of the work.

10. The competent authority on behalf of MD, DSIIDC does not bind himself to accept the lowest or any other Quotation, and reserves to himself the authority to reject any or all of the Quotations received without assigning any reason. All Quotationers, in which any of the prescribed conditions is not fulfilled or any condition including that of **conditional rebate** is put forth by the Quotationer, shall be summarily rejected.
11. The competent authority on behalf of MD, DSIIDC reserves to himself the right of accepting the whole or any part of the Quotation and the Quotationer shall be bound to perform the same at the rate quoted.
12. The contractor shall not be permitted to Quotation for works in the DSIIDC, Circle (Head Quarter) (responsible for award and execution of contracts) in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any Gazetted officer in the Delhi state Industrial & Infrastructure Development Corporation. Any breach of this condition by the contractor would render him liable to be debarred from tendering in DSIIDC.
  - (a).The contractor shall give a list of officers of DSIIDC, employees related to him.
13. No Engineer of gazetted rank or other gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the DSIIDC is allowed to work as a contractor for a period of one year after his retirement from Government service, without the previous permission of the MD, DSIIDC in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of the MD, DSIIDC as aforesaid before submission of the tender or engagement in the contractor's service.
14. The Quotation for the works shall remain open for acceptance for a period of 30 days from the date of opening of Quotation. If any Quotationer withdraws his Quotation before the said period or issue of "**letter of acceptance**", whichever is earlier or makes any modifications in the terms and conditions of the Quotation which are not acceptable to the department, then the DSIIDC shall, without prejudice to any other right or remedy, be at liberty to forfeit earnest money as aforesaid.

**Further, the Quotationer shall not be allowed to participate in the re-tendering process of the work.**

15. DSIIDC shall deduct Income Tax on the value of work done from each bill of the contractor as per prevailing Government instructions/orders. In lieu, DSIIDC shall issue a certificate of deduction of the tax at source to the contractor, in relevant form.
16. GST or any other tax applicable in respect of inputs procured by the contractor for this contract shall be payable by the Contractor and DSIIDC will not entertain any claim whatsoever in respect of the same. However, component of GST at time of supply of service (as provided in CGST Act 2017) provided by the contract shall be varied if different from that applicable on the last date of receipt of Quotation including extension if any, shall be borne by the Contractor.
17. **GST**, building and other Construction Workers Welfare Cess or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and DSIIDC shall not entertain any claim whatsoever in this respect.
18. The department shall deduct labour CESS @1% on the value of work done from each bill of the contractor as per prevailing Government instructions/orders.
19. If any Quotationer submit false information and / or documents, his EMD shall be forfeited and he will be debarred for future tendering in DSIIDC for a period of two years.
20. The rates quoted by the contractor shall include all taxes including GST and nothing extra shall be payable on account of taxes.
21. The work of Third party inspection will be assigned to M/s. Shri Ram Institute for Industrial Research or any other agency both for quality, quantity and workmanship and timelines for which contractor will have to provide all kinds of assistance as and when required.
22. Security Deposit @ 2.5% of the total amount of Bills paid to Contractor, shall be deducted and shall be refunded on satisfactory completion of the work.

## **GENERAL SPECIFICATIONS & CONDITIONS FOR WORKS**

The entire works shall be done as per CPWD specifications for Delhi 2009 Vol. I to II with up to date correction slips Specifications for Road and Bridge works will be followed issued by Ministry of Shipping, Road Transport & Highways, where ever applicable. If the specifications for any item are not available in the CPWD specification referred above, relevant ISI specifications shall be followed. In case ISI specifications are also not available, the decision of the Engineer-in-charge, given in writing shall be final.

Before commencement of the work, the contractor / supplier shall correlate nomenclature of the items with all the relevant Architectural and structural drawings to satisfy himself that the information available there in is complete and unambiguous. The figures and written dimensions on the drawing shall supersede the measurement by scale. The contractor / supplier will submit for approval of Engineer-in-charge his workshop drawings and the sample of work to be performed under the specified items of work before actually commencing the mass execution of work under the item. Nothing extra shall be payable on this account.

- a) The nomenclature of the item shall take precedence overall and anything stated elsewhere.
  - b) The conditions and specifications attached to quotation documents shall take precedence over the provisions of CPWD specifications 2009 (Vol. I to II).
  - c) In case it is not possible to resolve the dispute with the help of tender documents and CPWD specification 2009 Vol. I to II and as corrected upto the due date of submission of quotation the provisions of relevant I.S. Codes shall be relied upon.
  - d) In case, it is not possible to resolve dispute with the help of any of the above stated documents, the decisions and directions of the Engineer-in-charge shall be followed for execution and completion of any item of work.
1. Whenever any reference to any Indian standard specifications occurs in the document relating to this contract the same shall be inclusive of all the amendments issued there to or revisions thereof, if any, up to the date of receipt of tenders.
  2. The work shall be carried out in the manner complying in all respects with requirement of relevant bye-laws or the local bodies under the jurisdiction of which the entire work is to be executed or as directed by the Engineer-in-charge and nothing extra will be paid on this account.
  3. The contractor / supplier shall be responsible to arrange at his own cost all necessary T&P required for the execution of work.

4. The contractor / supplier shall make his own arrangement for water and temporary electric connections, if required, and make necessary payment for it direct to the department concerned.
5. The contractor / supplier shall be deemed to have fully acquainted himself with the nature and extent of the work and working conditions at site before submitting the tender. The work shall be executed as per preference of items approved by Engineer-in-charge. If the materials, drawing, designs etc. are not available due to any conditions the programme of the contractor / suppliers shall be modified accordingly and no compensations/damages shall be payable.
6. The contractor / supplier shall take all safety measures precautions by exhibiting necessary caution boards, red flags, red lights, and barriers to avoid any accident during execution of work. The contractor / supplier shall be responsible for all damages and accident due to negligence on his part. The contractor / supplier shall also provide helmets, safety belts etc. required for labours.
7. No payment will be made to the contractor / supplier for damages caused by rains or other natural calamities or riots during execution of the work and no claims on this account will be entertained.
8. The rates of all items of work shall, unless clearly specified otherwise are including cost of all labour, material and other inputs involved in the execution of the item.
9. The samples for testing which shall be sent to the outside labs, the contractor shall have to bear all the testing charges including the cost like cartage/transportation etc. including the cost of sample.
10. The contractor / supplier shall make all efforts to mechanize the construction work to maximum possible extent by using the latest T & P / machinery and equipment etc. He shall use steel scaffolding and shuttering. Whenever, this is not possible the other type of shuttering used shall be of proper size and shape. Similarly scaffolding other than steel shall be as per site requirement and prior approval of Engineer-in-charge shall have to be obtained in writing. The contractor / supplier with relation to site requirement shall arrange adequate quality of shuttering and scaffolding. No time lag on this account shall be allowed. All safety arrangements is to be taken care off / by the contractor / supplier to avoid any accident in the use of shuttering and scaffolding etc.

- 11.** The time of completion shall be essence of the contract and to be strictly adhered to by the contractor / supplier. He shall provide a pert chart showing all the activity and events for timely completion of the project.
- 12.** The various items of the work shall be taken up simultaneously wherever possible to speed up the work. Nothing extra shall be paid on this account.
- 13.** The contractor / supplier shall maintain in good condition all work during execution till completion of entire work allotted to him.
- 14.** Quotation with any conditions including that of conditional rebate shall be rejected forthwith.
- 15.** The contractor / supplier should make necessary arrangement for round the clock working including working on Sundays and holidays except National holidays the planning should be done accordingly.
- 16.** The contractor / supplier shall provide at his own cost all the instruments including surveying instruments etc. required for the purpose of checking at the site of work. Complete layout including setting up Benchmarks, taking and fixing levels for all works required to be executed under the project shall be done by the contractor / supplier.
- 17.** The contractor / supplier shall make arrangement for sufficient quantity of all the materials required for construction of work conforming to specifications.
- 18.** Proper labour hutments with all the required civic amenities as per CPWD Norms shall be constructed by the contractor / supplier at site of work. He has to remove all the hutments at completion.
- 19.** The Contractor / supplier shall make necessary arrangements for medical aid to all his workers including availability of first aid box all the time aid the site of work.
- 20.** Development work i.e. electrification, horticulture, roads, water supply etc. and internal and external services may also be carried out simultaneously by other agency with the work being tendered for against the enclosed contract documents. The contractor / supplier shall afford necessary facilities for the same. No claim in the matter shall be entertained
- 21.** Payment of 1% cess to the labour department as per “Building & other construction workers welfare cess Act 1996” shall be borne by the contractor / supplier.
- 22.** The design and drawing may be revised any time during execution of work by competent authority. No claim shall be entertained on this account

- 23.** Even ISI marked material may be subjected to the quality test at the discretion of the Engineer-in-charge. Whenever ISI marked materials are brought to the site of work the contractor / supplier shall, if required by the engineer-in-charge, furnish manufacturers test certificate or test certificates confirm to the relevant IS Codes. However cement /steel will be necessarily tested before start of work and will not be used till test certificates are obtained and approved by Engineer-in-charge
- 24.** Any material/excavated Material of the site shall not be disposed off without the prior written permission of the Engineer-in-charge. The disposed material should be dumped at the place authorized by Engineer-in-charge.
- 25.** The work may be inspected by central Vigilance Commission or any other agency on behalf of DSIIDC. Any deduction/ compensation proposed by CVC or DSIIDC in regard to defective work or work not confirming to specifications, loss of time, amount shall be deducted from bills. No claim of the contractor / supplier whatsoever shall be entertained on this account.
- 26.** The department will be responsible only to the contractor / supplier and his authorized representative and none else, with whom contractor / supplier may be in liasion or associated in any manner.
- 27.** The contractor / supplier shall also make necessary agreement at his own cost for diesel generator sets required for the work, so that the same can be used by him during failure/none availability of electricity. Necessary permission etc. if required shall be taken by him from the concerned authorities. Nothing extra shall be paid on this account
- 28.** Nothing extra, what so ever shall be payable to the contractor / supplier for executing the work as per general specifications and special conditions in all the above paras.
- 29.** GST, if applicable as per law shall be paid by the contractor / supplier. Noting shall be payable over and above the work value.
- 30.** The contractor / supplier has to execute the work carefully so that the work already executed may not be damaged due to his operation of machines and manpower. If any work is damaged due to negligence compensation has to be paid / recovered, no claim shall be entertain of this account.
- 31.** The Contractor / supplier shall submit a detailed construction programme in the shape of bar chart within 15 days from the award of work.
- 32.** The contractor / supplier shall have to use plate vibrators for casting of RCC slab in addition to needle vibrators of required needle size, and these should be stand by.

- 33.** All tools, plant and machinery provided by the contractor / supplier, shall, when brought to the site, be deemed to be exclusively intended for construction and completion of this work and the contractor / supplier shall not remove the same or any part thereof without the consent of the Engineer-in-charge.
- 34.** The tenderer shall acquaint himself with the proposed site of works, its sub-soil strata, underground water table land for stacking / storage of building material and its approach roads before quoting his rates. The construction of new approach road or repair of the existing approach and its maintenance during the execution of the work shall be carried out by the tenderer and nothing extra shall be payable over his quoted rates.
- 35.** The contractor / supplier shall submit sample of all fitting and fixtures proposed to be used to the Engineer-in-charge for his approval. The approved samples shall remain with the Engineer-in-charge till the completion of work. The contractor / supplier shall construct samples of the finishing items like stone and tile work, flooring work, toilets etc. complete in all respects as per the directions of the Engineer-in-charge. These samples shall be got approved from the Engineer-in-charge and the consultant before commencing the mass work.
- 36.** The contractor / supplier shall take care off the safety precautions pertaining to the construction of works, such as excavation, trenching, demolition, provisions of scaffolding, ladder, working platforms, gangways, mixing asphalt materials, electric arc/gas welding, use of hoisting and construction machinery. He shall be governed by relevant provisions of DSIIDC safety code and as directed by the Engineer-in-charge and nothing extra shall be payable in this account.
- 37.** The contractor / supplier shall be responsible for watch and ward of the building, safety of all fittings and fixtures including sanitary and water supply fittings and fixtures against pilferage and breakage during the period of installation and thereafter till the building is physical handed over to the department.
- 38.** The work will be carried out in the manner complying, in all respects, with the requirements of relevant bye-laws 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 shall be paid on this account.
- 39.** The contractor / supplier shall comply with proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charges which may be liable at his own cost.
- 40.** The contractor / supplier shall give due notices to Municipal, Police and / or other authorities that may be required under the law / rule under force in the area and obtain all requisite licenses for temporary obstructions / enclosures and pay all charges which may

be liable on account of his execution of work under the agreement. Nothing extra shall be payable on this account.

- 41.** In Principle Approval is required before carrying Extra Item/Substitute Item/Deviation in any quantity of scheduled item beyond permissible limit. Payment will not be made for such items in case of non getting “In principle approval” due to any kind of reason beyond control.
- 42.** The work of third party inspection will be assigned to M/s Shri Ram Institute for Industrial Research or any other agency for this work, both in respect of quality and quantity assurance. The contractor will provide all kind of facilities to the said Institute to carry out their responsibilities assigned to them. The payment of work done shall be released to contractor after getting certification of third party for its quantity and quality etc. The charges of third party shall be borne by DSIIDC.
- 43.** This is the percentage rate tender, percentage quoted by the contractor shall be applicable for –ve items also.
- 44.** All mandatory tests will be done from the lab/expert agency, duly approved by DSIIDC (list enclosed). The expenditure for the mandatory tests shall be borne by the contractor including the cost of samples and cartage to lab as well as testing charges etc.
- 45.** Contractor shall ensure that no service like water supply, sewerage, telephone and power etc. is disturbed/ damaged. It shall be the sole responsibility of the contractor to restore any damage to any service and to pay compensation/recovery if demanded by the concerned department. Nothing extra shall be payable on this account.
- 46.** Tenders with any conditions including that of conditional rebate shall be rejected forthwith.
- 47.** During construction period the contractor has to take care that the building walls, doors, windows, glass/panels, flooring etc. are not spoiled by spreading cement mortar etc. If he does so, recovery shall be made as decided by Engineer-in-charge.
- 48.** Even ISI marked material may be subjected to the quality test at the discretion of the Engineer-in-charge. Whenever ISI marked materials are brought to the site of work the contractor shall, if required by the engineer-in-charge, furnish manufacturers test certificate or test certificates confirm to the relevant IS Codes. However cement/steel will be necessarily tested before start of work and will not be used till approved by Engineer-in-charge.
- 49.** The Contractor shall submit the labour report fortnightly for the labour (skilled/unskilled) engaged by him at the site. In case of failure, a recovery of Rs.500/- for each fortnight shall be made on this account.
- 50.** In case of supplying & filling of earth, the contractor has to submit initial levels before dumping the earth and final levels after completion of earth filling. Calculation on this account shall be submitted by the contractor.
- 51.** Working in or under foul conditions, Pumping and bailing out water etc from drain in suitable manner as directed by Engineer-in-Charge shall be done by the agency, if required, at his own cost and nothing extra shall be payable on this account.

- 52.** During execution of work necessary arrangements for diverting the water by means of bypassing the drains for maintaining undisturbed flow, pumping out water in bypass drain and any other arrangement required at site for free flow of drain water shall be made by the contractor and nothing shall be payable on this account.
- 53.** At the time of submission of Performance Guarantee and before commencement of work, contractor shall give a certificate, that, he shall ensure full compliance of provision of EPF & Misc. provision Act 1952 in respect of work to be executed.
- 54.** The quality assurance of the work shall be got done through the third party approved by the DSIIDC(M/s Shri Ram Institute for Industrial Research /IIT/any other approved agency) as decided by the Engineer-In-Charge and the payment of work done shall be released to contractor after certification of third party for its quantity and quality etc. The charges of third party shall be borne by DSIIDC.
- 55.** Quality check and 100% measurement including time line monitoring & workmanship will be done by the third party agency, as assigned by the DSIIDC. In case if the tests are conducted less than the specified frequency, the recovery on account of failure shall be made @ twice the testing charges of CPWD and necessary recoveries as decided by the Engineer-in-Charge in respect of inferior quality of material used, will be done.
- 56.** In Compliance of order of N.G.T. the following special conditions are to be followed:
- i. The dismantle material/building rubbish received from dismantling/demolishing shall be dumped to the dumping ground in properly covered truck with precaution. Agency shall submit the hard copy of photograph showing the properly covered truck disposing the dismantled material/building rubbish. Failure of which shall be sternly dealt and a penalty @ Rs. 500/- per trip of truck shall be levied and the decision of Engineer-in-charge shall be final & binding.
  - ii. Agency/contractor shall not dump the construction material on the metalled road and shall keep the construction material on the physically demarcated space by the Engineer-in-charge.
  - iii. All the building material responsible for pollution shall be bought at site from sources covered by tarpaulin and shall take all precautionary measure to ensure that no dust particles are permitted to pollute the air quality, failure of which Agency shall be liable to pay damages as decided by Engineer-in-charge. The decision of Engineer-in-charge shall be final & binding.
  - iv. All the trucks or vehicles of any kind, which are used for construction purposes and/ or are carrying construction material like cement, sand and other allied material shall be fully covered in the process of transporting the material.
  - v. There shall be no burning of leaves, plastic etc at construction site.

57. **Provision of DRC** – As per CPWD OM No. DG/CON/255 dt.23.05.2011 and DG/CON/255Adt.10.08.2011.
58. Contractor will have to be adhere to the instructions of National Green Tribunal issued time to time with regard to construction work.
59. **10%** of amount of work of Water Proofing will be withhold from the bills and will be released against after a period of **10 years** as per guidelines of Manual /CVC. However, this with hold amount may release on deposition of bank guarantee or FDR for the with held amount in the office of the Engineer-in-Charge. The submission of FDR or B.G. is in addition to submission of bond for removal of defects after completion of water proofing works.
60. The rates quoted by the contractor may consist all kind of taxes and noting extra will be reimburse / paid to him.

**CONTRACTOR**

**EE (CD-IX)**

### Special conditions for steel

- (1) The contractor shall procure TMT bars of Fe500D grade (the grade to be procured is to be specified) from primary steel producers or their authorized distributors such as SAIL or Tata Steel Ltd. or RINL or Jindal Steel and Power Ltd. or JSW Steel Ltd or any other producer as approved by Ministry of Steel. Agency shall submit bills challan etc as a proof of procurement of national producer of these. In case of non-availability of steel from primary producers, then the NIT approving authority may also permit use of TMT reinforcement bars procured from secondary producers. In such cases following conditions shall be applicable.
  - (a) The grade of the steel such as Fe500D or other grade to be procured is to be specified as per BIS 1786-2008.
  - (b) The secondary producers must have valid BIS license to produce HSD bars conforming to IS 1786 : 2008.
  - (c) TMT bars procured either from primary producers or secondary producers, the specifications shall meet the provisions of IS 1786 : 2008 pertaining to Fe 500D grade of steel as specified in the tender.
- (2) The contractor shall have to obtain and furnish test certificates to the Engineer-in-charge in respect of all supplies of steel brought by him to the site of work.
- (3) Samples shall also be taken and got tested by the Engineer-in-Charge as per the provisions in this regard in relevant BIS codes. In case the test results indicate that the steel arranged by the contractor does not conform to the specifications as defined under para (9.1) above, the same shall stand rejected, and it shall be removed from the site of work by the contractor at his cost within a week time or written orders from the Engineer-in-Charge to do so.
- (4) The steel reinforcement bars shall be stored by the contractor at site of work in such a way as to prevent their distortion and corrosion, and nothing extra shall be paid on this account. Bars of different sizes and lengths shall be stored separately to facilitate easy counting and checking.
- (5) For checking nominal mass, tensile strength, bend test, re-bend test etc. specimens of sufficient length shall be cut from each size of the bar at random, and at frequency not less than that specified below:

<i>Size of bar</i>	<i>For consignment below 100 Tonnes</i>	<i>For consignment above 100 tonnes</i>
Under 10 mm dia bars	One sample for each 25 tonnes or part thereof	One sample for each 40 tonnes or part there of
10 mm to 16 mm dia bars	One sample for each 35 tonnes or part there of	One sample for each 45 tonnes or part there of

Over 16 mm dia bars	One sample for each 45 tonnes or part there of	One sample for each 50 tonnes or part there of
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- (6) The contractor shall supply free of charge the steel required for testing including its transportation to testing laboratories. The cost of tests shall be borne by the contractor.
- (7) The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of steel shall be worked out as per procedure prescribed in clause 42 of the contract and shall be governed by conditions laid therein. In case the consumption is less than theoretical consumption including permissible variations recovery at twice the market rate at the time of execution as approved by Engineer – in- Charge shall be made. In case of excess consumption no adjustment need to be made.
- (8) The steel brought to site and the steel remaining unused shall not be removed from site without the written permission of the Engineer-in-charge.
- (9) Contractor shall be permitted to use TMT reinforcement bars procured from secondary producers subject to rate of providing & laying TMT reinforcement bars as quoted by the contractor in the tender shall also be reduced by Rs.3.50/- per kg.( Which includes Contractor's Profit and Over Heads as applicable).

**Executive Engineer (CD-IX)**

## CONDITIONS FOR CEMENT

- (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, Ultratech, Ambuja, Jaypee Cement, Century Cement, JK Cement, Vikram, Shree Cement, etc., as approved by the Ministry of Industry, Government of India, and holding license to use ISI certification mark for their product. 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 Engineer-in-charge to do so.
- (2) The cement shall be brought at site in bulk supply of approximately 25 tonnes or as decided by the Engineer-in-charge. The cement godown of the capacity to store a minimum of 500 bags of cement shall be constructed by the contractor at site of work or which no extra payment shall be made.
- (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 Engineer-in-Charge at any time.
- (4) The cement shall be got tested by the Engineer-in-charge and shall be used on the work only after satisfactory test results have been received. The contractor shall supply free of charge the cement required for testing including its transportation cost to testing laboratories. The cost of tests shall be borne by the contractor.
- (5) The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in clause 42 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 twice the market rate at the time of execution as approved by Engineer – in- Charge shall be made. In case of excess consumption no adjustment need to made.
- (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 Engineer-in-charge.

- (7) The damaged cement shall be removed from the site immediately by the contractor on receipt of a notice in writing from the Engineer-in-charge. If he does not do so within 3 days of receipt of such notice, the Engineer-in-charge shall get it removed at the cost of the contractor.
- (8) Cement, which is not used within 60 days from its date of manufacture, shall be tested at laboratory approved by DSIIDC. Until the results of such tests are found satisfactory, it shall not be used in any work.

**E.E. (CD-IX)**

## **DSIIDC APPROVED LIST OF LABORATORIES**

The following Government & Non-Government laboratories for testing of samples of material.

### **(A) Government Laboratories**

1. NTH, Ghaziabad
2. CRRI, Delhi
3. IIT, Delhi
4. C.P.W.D. lab, I.P. Estate, New Delhi
5. C.B.R.I. Roorkee
6. FRI, Dehradun
7. NCCBM, Ballabgarh
8. RTC, Okhla

### **(B) Non-Government laboratories**

1. Sri Ram Test House, Delhi
2. Sun beam Auto Lab, Gurgaon
3. Sepectro Analytical lab, Ballabgarh /Okhla
4. Delhi Test House

**Note;-** 75% Tests shall be conducted from Govt. labs & 25% from the Non –Govt. labs, as per direction of Engineer- in-charge.

**DELHI STATE INDUSTRIAL & INFRASTRUCTURE DEVELOPMENT CORP. LTD.**  
**(TECHNICAL CENTRE BUILDING, WAZIRPUR INDL, AREA, DELHI-52.)**  
**(OFFICE OF THE EXECUTIVE ENGINEER (CD-IX))**

**Name of Work : Maintenance of 300 Nos. CWC at Sultanpuri, Delhi.**

**Sub Head : Maintenance of DSIIDC ISO Office situated at 300 Nos. CWC at Sultanpuri, Delhi.**

<b>Abstract of cost</b>					
<b>Sl. No.</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate</b>	<b>Amount</b>
1	Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including finishing the top smooth.	Sqm	19.53	419.30	8,188.93
2	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).	Cum	3.44	7282.48	25,051.73
3	Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform.	Sqm	21.14	401.65	8,490.88
4	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers.	Sqm	7.31	332.15	2,428.02
5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete <b>above plinth level.</b>	Kg	430.00	68.1	29,283.00

6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand).	Cum	13.28	5426.15	72,059.27
7	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand)	Sqm	2.79	665.80	1,857.58
8	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding	Kg	27.00	109.00	2,943.00
9	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete : 125 mm	Each	6.00	28.90	173.40
10	Providing and fixing oxidised M.S. casement stays (straight peg type) with necessary screws etc. complete. 300 mm weighing not less than 200 gms.	Each	6.00	36.20	217.20
11	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angels 40x40x6 mm for diagonal braces.	Sqm	2.10	3073.85	6,455.09
12	Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators, side /top /centre hung, with beading and all members such as F7D, F4B, K11 B and K12 B etc. complete of standard rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted, including providing and fixing of hinges, pivots, including priming coat of approved steel primer, but excluding the cost of other fittings, complete all as per approved design, (sectional	Kg	26.55	114.15	3,030.68

	weight of only steel members shall be measured for payment).Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)				
13	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	Kg	18.90	83.7	1,581.93
14	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : 5.5 mm thick glass panes	Sqm	2.16	988	2,134.08
15	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cementslurry, but excluding the cost of nosing of steps etc. complete.40 mm thick with 20 mm nominal size stone aggregate	Sqm	17.19	353.35	6,074.09
16	Painting top of roofs with bitumen of approved quality @ 17kg per 10 sqm impregnated with a coat of coarse sand at 60 cudm per 10 sqm, including cleaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete With residual type petroleum bitumen of grade VG - 10.	Sqm	21.21	141.9	3,009.70
17	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design : In 75x75 mm deep chase	Meter	15.86	143.1	2,269.57

18	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	Each	2.00	186.65	373.30
19	Providing and fixing 100 mm diameter and 60 cm long rain water spout in cement mortar 1:4 (1 cement : 4 fine sand). Stone ware spout.	Each	2.00	87	174.00
20	12 mm cement plaster: 1:6 (1 cement : 6 fine sand).	Sqm	65.67	149.45	9,814.38
21	15 mm cement plaster on the rough side of single or half brick wall of mix 1:6 (1 cement: 6 fine sand) .	Sqm	63.36	172.80	10,948.61
22	6 mm cement plaster of mix.1:3 (1 cement : 3 fine sand)	Sqm	24.87	134.70	3,349.99
23	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	Sqm	7.44	74.4	553.54
24	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two or more coats) over and including water tinnable priming coat with cement primer	Sqm	74.38	89.7	6,671.89
25	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	Sqm	79.67	90.00	7,170.30
26	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	Cum	1.94	1302.3	2,526.46
27	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	Cum	13.24	754.1	9,984.28

28	Demolishing mud phaska in terracing and disposal of material within 50 metres lead.	Cum	1.55	334.60	518.63
29	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand ) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and	Sqm	19.40	1019.05	19,769.57

	specified by the Engineer-in-Charge :With average thickness of 120 mm and minimum thickness at khurra as 65 mm.				
					247,103.09
	Minus 12% on DSR-2014 Item	29652.37			29652.37
	Add 9.52% enhancement on DSR 2014				<b>23524.21</b>
				<b>Total</b>	<b>240974.93</b>
				<b>Says</b>	<b>240975.00</b>

**Note : Rates quotes may include all kind of taxes like EPF, GST, Service Tax etc.**

**CONTRACTOR**

**EE (CD-IX)**