

**INFORMATION AND INSTRUCTIONS TO CONTRACTORS FOR e-TENDERING FORMING
PART OF NIT AND TO BE POSTED ON WEBSITE**

The Assistant Engineer (E), Sub Division-2, DED-31, CPWD, CBD Shahdara Delhi on behalf of President of India invites online percentage rate e-tenders from CPWD enlisted contractors of appropriate class in Specialised agencies of repute in single bid system for following works

NIT No.	Name of Work & Location	Estimated Cost put to Bid	Earnest Money	Period of Completion	Last date & Time of Submission of e-Tender	Time & date of opening of Price Bid.
14/EE(E)/DED-31/2020-21	RMO E&M Services in Sankhyiki Bhawan at CBD Shahdara, Delhi during 2020-21. (SH: Repairing of CCTV Surveillance System).	Rs. 109,513/-	Rs. 2,190/-	1 Month	Upto 15.00 Hr. on 19.10.2020	At 15:30 Hr. on 19.10.2020

1. Contractor who fulfill the following requirements shall be eligible to apply, Joint ventures are not accepted.
2. (a) Should have satisfactorily completed the works as mentioned below during the last Seven years ending previous day of last date of submission of bids.
 - (i) Three similar works each costing not less than Rs. 44000/- or two similar works each costing not less than Rs. 66000/- one similar work costing not less than Rs. 88000/-
 - (ii) Similar work shall mean works of “ SITC of CCTV system”. The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of receipt of application for bids.
1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he consider himself eligible and he is in possession of all the documents required.
2. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be compiled with and other necessary documents can be seen and downloaded from website www.tenderwizard.com/CPWD or www.cpwd.gov.in free of cost.
3. But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Demand Draft or Pay Order or Banker’s Cheque or Deposit at call receipt or Fixed Deposit receipts and Bank Guarantee of any Scheduled Bank towards EMD in favour of **Executive Engineer(E), ED-18, CPWD, IP Bhawan, New Delhi**, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/AE), CPWD and other documents as specified.

4. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
5. The intending bidder must have valid class-III digital signature to submit the bid.
6. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
7. Contractor can upload documents in the form of **JPG** format and **PDF** format.
8. Contractor must ensure to quote percentage rate item. The column meant for quoting rate in figures **appears in pink / yellow colour and the moment rate is entered, it turns sky blue.**

In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (**ZERO**).

Online bid documents submitted by intending bidders shall be opened only of those bidders, whose EMD deposited with any division office of CPWD and other documents scanned and uploaded are found in order

List of Documents to be scanned and uploaded within the period of bid submission:

1. Treasury Challan/Demand Draft/Pay order or Banker's Cheque /Deposit at Call Receipt/ FDR / Bank Guarantee of any Scheduled Bank against EMD.
2. The Certificate of Manufacturer or their Authorized service provider Specialised agencies.
3. Certificate of Registration for GST and acknowledgement of upto date filed return, **if the bidder has not obtained GST registration in this state, then in such a case the bidder shall upload following undertaking with the bid documents "if work is awarded to me, I/we shall obtain GST registration certificate within one month from date of receipt of award letter or before payment of 1st RA bill"**.
4. Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer, CPWD.

Assistant Engineer (E)
Sub Division-II DED-31, CPWD,
CBD Shahdara, Delhi-110032

FORMAT FOR RECEIPT OF DEPOSITION OF ORIGINAL EMD

**Receipt of deposition of original EMD
(Receipt No..... /date.....)**

1. Name of work: - RMO E&M Services in Sankhyiki Bhawan at CBD Shahdara, Delhi during 2020-21. (SH: Repairing of CCTV Surveillance System).
2. NIT No:- 14/EE(E)/DED-31/2020-21
3. Estimated Cost:- 109,513/-
4. Amount of Earnest Money Deposit:- 2,190/-
5. Last date of submission of bid: 19.10.2020

1. Name of contractor:
.....
.....#
2. Form of EMD:#
3. Amount of Earnest Money deposit:-#
4. Date of submission of EMD:-#
5. Mobile No.#

**Signature, Name and Designation of EMD
receiving officer (EE/AE(P)/AE/AAO)
alongwith office stamp**

(# to be filled by EMD receiving EE)

CPWD-6 FOR e-TENDERING

1. **Percentage rate tenders** are invited on behalf of President of India from eligible contractors fulfilling the eligibility criteria for the work: **“RMO E&M Services in Sankhyiki Bhawan at CBD Shahdara, Delhi during 2020-21. (SH: Repairing of CCTV Surveillance System).”**

The enlistment of the contractors should be valid on the last date of submission of tenders.

In case the last date of submission of tender is extended, the enlistment of contractor should be valid on the original date of submission of tenders.

2. The work is estimated to cost **Rs. 109,513/-**. This estimate, however, is given merely as a rough guide.
3. Agreement shall be drawn with the successful tenderer on prescribed Form No. CPWD - 8 (or other Standard Form as mentioned) which is available as a Govt. of India Publication. Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
4. The time allowed for carrying out the work will be **1Month** from the date of start as defined in schedule ‘F’ or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
5. The site for the work is available. **Yes.**
6. The tender document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen from the web Site **www.tenderwizard.com/CPWD** or **www.cpwd.gov.in** free of cost.
7. 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 tender as notified.
8. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of tender as notified.
9. Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker’s Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favour of **Executive Engineer(E), ED-18, CPWD, IP Bhawan, New Delhi**) shall be scanned and uploaded to the e-tendering website within the period of bid submission. **The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.**

This receipt shall also be uploaded to the e-tendering website by the intending bidder upto the specified bid submission date and time.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, 50% of earnest money or Rs. 20 lakh, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any scheduled bank having validity for 6 months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

The physical EMD shall be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission, failing which the tender shall be rejected.

Copy of Enlistment Order and certificate of work experience and other documents as specified in the press notice shall be scanned and uploaded to the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only, within a week physically in the office of tender opening authority.

Online bid documents submitted by intending bidders shall be opened only of those bidders, whose EMD deposited with any division office of CPWD and other documents scanned and uploaded are found in order.

The Bid submitted shall be opened at 15:30 PM on 19.10.2020.

10. The bid submitted shall become invalid if.
 - (i) The bidder is found ineligible.
 - (ii) The bidder does not deposit original EMD with division office of any Executive Engineer, CPWD.
 - (iii) The bidder does not upload all the documents (including GST Registration) as stipulated in the bid document including the copy of receipt for deposition of original EMD.
 - (iv) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted **physically by the lowest tenderer** in the office of tender opening authority.
11. The contractor whose bid is accepted, will be required to furnish performance guarantee of 5% (Five Percent) of the bided amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) 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 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 the said performance guarantee within the period as indicated in Schedule 'F'. including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The Earnest Money deposited along with tender shall be returned after receiving the aforesaid performance guarantee. **The Contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board and Programme Chart (Time and Progress) within the period specified in Schedule F.**
12. Intending Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which

stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.
14. Canvassing whether directly or indirectly, in connection with tenderers is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
16. The contractor shall not be permitted to tender for works in the CPWD Circle (Division in case of contractors of Horticulture / Nursery category) responsible for award and execution of contracts, in which his near relative is posted a 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 gazette officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
17. No Engineer of gazette rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who has not obtained the permission of the Government of India as afore said before submission of the tender or engagement in the contractor's service.
18. The tender for the works shall remain open for acceptance for a period of **Ten (10) Days** from the date of opening of tenders, if any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the retendering process of the work.
19. This Notice Inviting Tender shall form a part of the contract document. The successful tenderer /contractor, on acceptance of his tender by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-
 - a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender as uploaded at the time of invitation of tender and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - b) Standard C.P.W.D. Form - 7 or other Standard C.P.W.D. Form as mentioned.

Assistant Engineer (E)
Sub Division-II DED-31, CPWD,
CBD Shahdara, Delhi-110032

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
Percentage Rate Tender & Contract for Works**

Tender for the work of:- RMO E&M Services in Sankhyiki Bhawan at CBD Shahdara, Delhi during 2020-21. (SH: Repairing of CCTV Surveillance System).

- (i) To be submitted by **15:00 Hrs.** on **19.10.2020** on E-tendering **www.tenderwizard.com/cpwd**.
- (ii) To be opened in presence of tenderers who may be present at **15:30 Hrs. on 19.10.2020** in the office of **The Assistant Engineer (E), Sub Division-2, DED-31, CPWD, CBD Shahdara, Delhi.**

Issued to (Name of Contractor)

Signature of officer issuing the documents

**Assistant Engineer (E)
Sub Division-II DED-31, CPWD,
CBD Shahdara, Delhi-110032**

Date of Issue: - 12.10.2020

TENDER

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

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

I/We agree to keep the tender open for **Ten (10) days** from the due date of its opening and not to make any modification in its terms and conditions.

A sum of **Rs. 2,190/-** is hereby forwarded in Receipt Treasury Challan / Deposit at call Receipt of a Scheduled Bank / fixed Deposit receipt of scheduled Bank/ Demand draft of a scheduled Bank, / Bank guarantee issued by a scheduled bank as earnest money. If I/We fail to furnish the prescribed performance guarantee within prescribed period, 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 the said earnest money absolutely. Further, If I/ We fail to commence work as specified, I/We agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the bid documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, upto maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the bid form. Further, I/We agree that in case of forfeiture of Earnest Money or both Earnest Money and performance guarantee as aforesaid, I / We shall be debarred for participation in the re-bidding process of the work.

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

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

Dated: -

Signature of Contractor

Witness: -

Postal Address: -

Address: -

Occupation: -

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for an on behalf of the President of India for a sum of Rs. (Rupees
.....).

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

- (a)
- (b)
- (c)

For & on behalf of President of India

Signature

Dated:

Designation

PROFORMA OF SCHEDULES

(Separate Performa for Civil, Electrical & Horticultural Works in case of Composite Tenders)

(Operative Schedules to be supplied separately to each intending tenderer)

SCHEDULE 'A'

Schedule of quantities (as per PWD-3)

As per schedule of work & terms & conditions attached.

SCHEDULE 'B'

Schedule of materials to be issued to the contractor: -

S. No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of issue
1	2	3	4	5
- Nil -				

SCHEDULE 'C'

Tools and plants to be hired to the contractor: -

S. No.	Description	Hire charges per day	Place of issue
1	2	3	4
- Nil -			

SCHEDULE 'D'

Extra schedule for specific requirements/document for the work, if any: - Attached.

SCHEDULE 'E'

Reference to General Conditions of contract: General conditions of contract for CPWD works-2014 with correction slip amendment issued upto date of submission of tender.

Name of Work: RMO E&M Services in Sankhyiki Bhawan at CBD Shahdara, Delhi during 2020-21. (SH: Repairing of CCTV Surveillance System).

- Estimated cost of work** : **Rs. 109,513/-**
- (i) Earnest Money** : **Rs. 2,190/-**
- (ii) Performance Guarantee** : 5% of tendered value
- (iii) Security Deposit** : 2.5% of tender value.

SCHEDULE 'F'**GENERAL RULES & DIRECTIONS:**

Officer inviting tender : The Assistant Engineer (E), Sub Divn.-2, DED-31, CPWD, CBD Shahdara, Delhi-110032,

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with **Clauses 12.2 & 12.3:** See below.

Definitions: -

- 2(v) Engineer -in- Charge** : The Assistant Engineer (E), Sub Divn.-2, DED-31, CPWD, CBD Shahdara, Delhi-110032,
- 2(viii) Accepting Authority** : The Assistant Engineer (E), Sub Divn.-2, DED-31, CPWD, CBD Shahdara, Delhi-110032,

2(x) Percentage on cost of materials and Labour to cover all overheads and profits: **15%**

2(xi) Standard Schedule of Rates: **DSR 2018/Market Rates.**

2(xii) Department: - **Central Public Works Department.**

9(ii) Standard CPWD Contract Form: GCC 2014 with correction slip amendment upto date, CPWD Form 8 modified & Corrected up to date of submission of tender.

Clause 1

- (i)** Time allowed for submission of Performance Guarantee, **Programme Chart (Time and progress) and applicable labour license, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying there of** from the date of issue of letter of acceptance **15 Days.**
- (ii)** Maximum allowable extension beyond the period provided in (i) above **07 days**

Clause 2A

Whether Clause 2A shall be applicable:-

No**Clause 5**

Number of days from the date of issue of letter of acceptance for reckoning date of start: -
15 Days.

Mile stone(s) as per table given below:-

S. No.	Description of Milestone (Physical)	Time allowed in days (from date of start)	Amount to be with held In case of non achievement of mile stone
--- NIL ---			

Time allowed for execution of work: -

1 Month.

Authority to decide:-

- (i) Extension of time **The** Assistant Engineer (E), Sub Divn.-2, DED-31, CPWD, CBD Shahdara, Delhi-110032,
- (ii) Rescheduling of mile stones **Not Applicable**
 (Superintending Engineer in Charge or Superintending Engineer in Charge of Major Component in case of Composite Contracts, as the case may be)

Clause 6, 6A**Clause applicable - (6 or 6A): -****6****Clause 7**

Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment **Rs. 60000/-**

Clause 7 A

Whether Clause 7A shall be applicable

: **Applicable**

If Applicable

: No running account bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW welfare board, whatever applicable are submitted by the contractor to the Engineer-in-charge.

Clause 10A**List of testing equipment to be provided by the contractor at site lab: ----.****Clause 10B (ii)**Whether **Clause 10 B (ii)** shall be applicable**No**

Clause 10C

Component of labour expressed as percent of value of work = N.A.

Clause 10CA

S. No.	Material covered under this clause	Nearest Materials (other than cement, reinforcement bars and the structural steel) for which All India Wholesale Price Index to be followed	Base price of all materials covered under clause 10 CA*
Not Applicable			

*Base price of all the materials covered under clause 10 CA is to be mentioned at the time of approval of NIT.

Clause 10 CC**Clause 10 CC****N/A**

Schedule of component of other Materials, Labour, POL etc. for price escalation. Component of civil (except materials covered under **clause 10CA**) /Electrical construction Materials

expressed as percentage of total value of work. : - X m (N/A)%

Component of Labour: -

expressed as percent age of total value of work. : - Y (N/A)%

Component of P.O.L.: -

expressed as percentage of total value of work. : - Z (N/A)%

Clause 11

Specifications to be followed for execution of work:-

As per CPWD General Specifications amended upto date.

Clause 12

12.2. & 12.3 Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for building work: 30%.

12.5 Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for foundation work:- N.A.

Clause 16

Competent Authority for deciding reduced rates:- Superintending Engineer(E), DC-III, CPWD, R.K. Puram, New Delhi.

Clause 18

List of mandatory machinery, tools & plants to be deployed by the contractor at site:- **As per requirement of site**

Clause 25

The composition of the Dispute Redressal Committee shall be as under:-

For total claim upto Rs. 25.00 Lakhs.

- (a) Chairman : Director (Work & TLC)
 (b) Member : Executive Engineer(E), Elect. Divn.-VII.
 (c) Member : Executive Engineer(P), DCC-V.

Clause 36 (i)

Requirement of Technical Representative(s) and recovery Rate: -

Sl. No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical / Technical Representative)	Minimum Expenditure	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36 (i)	
						Figures	Words
--- NIL ---							

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.

Clause 42 :- N/A.

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION: -

S. No.	Description	Rates in figures and words at which recovery shall be made from the contractor	
		Excess beyond permissible variation	Less use beyond permissible variation
1	Cement	Not Applicable	Not Applicable
2	Steel reinforcement		
3	Structural sections		
4	Bitumen issued free		
5	Bitumen issued at stipulated fixed price		

Assistant Engineer (E)
Sub Division-II DED-31, CPWD,
CBD Shahdara, Delhi-110032

SCHEDULE OF QUANTITY

Name of Work:-RMO E&M Services in Sankhyiki Bhawan at CBD Shahdara, Delhi during 2020-21.
(SH: Repairing of CCTV Surveillance System).

S. No	Description of Items	Quantity	Rate	Unit	Amount
(A)					
1.	Supply & replacement, testing and commissioning of DVR-16-CH, 400/480fps display, 400f/480ps recording, H.264, Recording @704x480 (100/120ips)/ 704x240 (200/240ips)/ 352x240 (400/480ips), 8Audio In/ 1 Out, 16 Alarm In, 4 Relay Out, Network Port available for Remote View S/W with transmission up to 120 IPS @ 352x288 PAL, along with 8 TB HDD, complete all as specified with 230VAC power supply complete in all respects as per specifications suitable in existing system as per engineer in charge. (Make:- Honeywell /Panasonic /cp plus)	1	28743.00	No.	28743.00
2.	Supply & replacement, testing and commissioning of dome type indoor coloured fixed camera with of 1/3" CCD,540 TVL, Sensitivity @ 30 IRE: Color 0.5Lx/Night Sense 0.18 Lx, AWB / BLC / AGC /Auto Black, 2.6 to 6 mm vari-focal lens Auto Iris i/c 12VDC/24VAC power supply unit and all ancillary equipment for indoor application, complete in all respects as per specifications suitable in existing system as per engineer in charge.(Make:-honeywell/panasonic/cp plus)	1	6722.00	No.	6722.00
3.	Supply & replacement, testing and commissioning of Joystick Keyboard for LCD display, for DVR/PTZ Camera Control, playback complete with for controlling 5 DVR complete in all respects as per specifications suitable in existing system as per engineer in charge.(Make:- honeywell /Panasonic /cp plus)	1	27678.00	No.	27678.00
4.	Supplying and replacement of power supply for CCTV provide 0-5 amp and 12 Volt DC current complete as required as site.	5	1154.00	Nos.	5770.00
5.	Supplying and drawing 1.5 sq. mm sizes of FRLS PVC insulated copper conductor double core flexible cable in the existing surface/ recessed steel/ PVC conduit as required.(Make:-Havells/polycab)	500	34.00	Meter	17000.00
6.	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.(Make:-NIC/AKG)				
(a)	20 mm	300	84.00	Meter	25200.00
	Total				111113.00
(B)	Credit for dismantle item				
1	Item No. 1	1	LS	No.	-500.00
2	Item No. 2	1	LS	No.	-400.00
3	Item No. 3	1	LS	No.	-500.00
4	Item No. 4	5	LS	No.	-200.00
	Total (A-B)				109513.00

Assistant Engineer (E)
Sub Division-II DED-31, CPWD,
CBD Shahdara, Delhi-110032

TERMS & CONDITIONS

Name of Work: RMO E&M Services in Sankhyiki Bhawan at CBD Shahdara, Delhi during 2020-21.
(SH: Repairing of CCTV Surveillance System).

1. The work shall be carried out as per CPWD specifications Part-I for Internal works & Part-II 2013 for External works and Indian Electricity rules, with amendments up to date.
2. All the materials to be used on the work should be of good quality and shall be got approved from the Engineer-in-Charge or his Authorized representative well in advance before using on work. The rejected material shall have to be replaced by the contractor at his own cost and the same shall be removed from the site immediately. The sample of the item shall have to be submitted in advance for this purpose.
3. Work will be completed within 1 Month only if not executed within the prescribed time Rs. 500/- per day will be recovered from the bill of contractor.
4. All debris at site shall have to be removed by the Contractor before handing over the installation to the Department.
5. Any damage done to the building during the execution of work shall be made good immediately at his own cost to the entire satisfaction of the Engineer-in-charge.
6. Contractor should inspect the site before quoting the rate and no claim whatever shall be entertained later on.
7. The rates quoted shall be inclusive of all taxes, levies & duties, GST, packing, transportation, handling, and nothing extra shall be paid on this account.
8. No T & P will be issued to the contractor by the department.
9. The contractor has to make his own arrangement for the safety of his workmen.
Department shall not be responsible in case of any accident taking place during the work.
10. All damages to the building made by the contractor shall have to be made good to its original finish as per the requirement within tender amount. The foundation for the M.S. Structure / channel wherever required shall have to be done by the firm in presence of Engineer-in-charge or his representative.
11. The work shall be carried out in engineering like manner and bad workmanship shall be rejected summarily. For redoing the job, no claim of the contractor shall be entertained on this account.
12. The complete installation shall be guaranteed for one year for any defect after satisfactory completion of work.
13. Contractor shall upload the details and labour license, mode of payment to labour, registration with EPFO, ESIC, BOCW, Welfare Board, ESI Smart Card for labour in WBPMS on CPWD website as applicable as per rules.

Assistant Engineer (E)
Sub Division-II DED-31, CPWD,
CBD Shahdara, Delhi-110032

LIST OF APPROVED MAKE

S. No.	Materials	Approved Make
1.	DVR – 16 Channel	Honeywell /Panasonic
2.	Dome Type Indoor Coloured Fixed Camera	Honeywell /Panasonic
3.	Joystick Keyboard	Honeywell /Panasonic
4.	FRLS PVC copper conductor	Havells / Polycab/RR Kable
5.	PVC Conduit	NIC/AKG/BEC
6.	Cat 6 Lan Cable	Dlink/Legrand/Finolex/Molex/systimax/ Havells.

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