

**Through E-Office**

27 Special Composite Group  
National Security Guard  
Regional Hub Chennai  
Nedunkundram (Vill)  
Kolapakkam (PO)  
Chennai- 600127

No. 051/RHC/Engg/Civil/2023-24/

17 May 2023

IT Cell  
HQ NSG

**PUBLICATION OF NOTICE INVITING TENDER ON NSG WEBSITE**

1. Please find enclosed herewith copy of Press Notice of Notice Inviting Tender No 10/27SCG,NSG/23-24/ NSG and Note Sheet regarding Int Clearance duly approved by GC 27 SCG, NSG Chennai.
2. You are requested to publish the Press Notice of Tender on the NSG Website before 24<sup>th</sup> May 2023 for wide publicity.
3. This is for your further necessary action please.




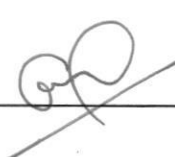

Encl : As above

  
(Govind Singh Solanki)  
Dy Comdt  
Sqn Cdr (Engg)  
for Gp Cdr

**NOTE SHEET**  
**ENGG BRANCH**

No 051/RHC/Engg/Civil/2023-24

Pages 01 of 01

Date	Notes	PUC								
	<p style="text-align: center;"><b><u>INT CLEARANCE FOR PUBLICATION OF NIT ON NSG WEBSITE AND CPP PORTAL</u></b></p> <p>1. It is submitted that e-tendering for the following work may be opened on the date, time and NIT No. as mentioned below:-</p> <table border="1"><thead><tr><th>Ser No</th><th>Name of Work</th><th>NIT No.</th><th>Date &amp; time of opening</th></tr></thead><tbody><tr><td>(a)</td><td>Repair and Maintenance of Water Supply Lines and Laying of Separate Line to Type II Qtrs and other Residential Blocks at 27 SCG NSG, Chennai for the year 2023-24.</td><td>10/27SCG,NSG/23-24/ NSG</td><td>26 May 2023 at 1130hr</td></tr></tbody></table> <p>2. The above NIT is required to be published on NSG Website and e-Tender to be uploaded on CPP Portal for which Int Clearance from GC 27 SCG may please be accorded.</p> <p>3. Submitted for perusal and further order please.</p> <div style="text-align: right;"> (Deep Boruah) Team Cdr (Civil)</div> <p>4. SC (Engg) </p> <p>5. GC </p>	Ser No	Name of Work	NIT No.	Date & time of opening	(a)	Repair and Maintenance of Water Supply Lines and Laying of Separate Line to Type II Qtrs and other Residential Blocks at 27 SCG NSG, Chennai for the year 2023-24.	10/27SCG,NSG/23-24/ NSG	26 May 2023 at 1130hr	‘A’
Ser No	Name of Work	NIT No.	Date & time of opening							
(a)	Repair and Maintenance of Water Supply Lines and Laying of Separate Line to Type II Qtrs and other Residential Blocks at 27 SCG NSG, Chennai for the year 2023-24.	10/27SCG,NSG/23-24/ NSG	26 May 2023 at 1130hr							

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Name of Work: - **Repair and Maintenance of Water Supply Lines and laying of Separate Line to Type II Qtrs and other Residential blocks at 27 SCG NSG , Chennai for the year 2023-24 .**


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Certified that this is maintenance work. Hence, e-tendering be done through CPP Portal.

**Submitted please.**

Team Commander (Civil)

**N.I.T No. 10 /27 SCG, NSG/23-24/NSG** containing pages from **1** to **42** amounting to **Rs. 42,09,648/-** is hereby approved.

  
**Sqn Cdr (Engg)**  
**27 SCG NSG Chennai**  
 Sqn Cdr (Engg)  
 Regional Hub Chennai  
 National Security Guard  
 Ministry of Home Affairs  
 Govt. Of India

**TENDER NOTICE**  
**INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING FORMING PART OF BID DOCUMENT AND TO BE POSTED ON WEBSITE.**

The **Squadron Commander (Engr.), 27 SCG, National Security Guard Chennai** on behalf of President of India invites online percentage rate bids on two bids system from CPWD enlisted contractors of appropriate class and those of appropriate list of M.E.S/ BSNL/ Railways /State in composite/buildings category for the work of :

Sl. No	NI T No.	Name of Work and Location	Estimated Cost Put to Tender ( In Indian Rupees)	Earnest Money ( In Indian Rupees)	Time/ Period of completion	Last date & time of submission of bid.	Date and Time of opening of tender
1	10/27 SCG, NSG/23-24/NSG	Repair and Maintenance of Water Supply Lines and laying of Separate Line to Type II Qtrs and other Residential blocks at 27 SCG NSG , Chennai for the year 2023-24	42,09,648/-	Rs. 84,193/-	04 month	Upto 1100 Hrs on 25.05.2023	Upto 1130 Hrs on 26.05.2023

1. Contractors have to fulfill the following work experience along with above enlistment, to be eligible to apply. Joint ventures are not accepted.

Should have satisfactorily completed the works as mentioned below during the last seven years ending previous day of the last date of submission of bids.

- I. 3 (three) similar works each costing not less than **(Rs. 16,83,859/-)**  
Or  
II. 2 (two) similar works, each costing not less than **(Rs. 21,04,824/-)**  
Or  
III. 1 (one) similar works, costing not less than **(Rs. 33,67,718/-)**

**Experience of only Govt. sector shall be considered with valid experience certificates of works having been completed satisfactorily, and the work completion certificate shall be issued by an authority of the rank not below the rank of Executive Engineer.**

**Similar work shall mean work of "Construction/Repair and maintenance of Buildings and building related services" OR "Construction/Repair and maintenance of Building related services" and satisfactory completion shall mean "works completed within stipulated time or extended time without levy of compensation for delay".**

**Note:** 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 up to the previous day of last date of submission of bids.

2. The bid can only be submitted online to the **Squadron, 27 SCG Chennai**, by uploading the mandatory scanned documents. The intending bidder must read the terms and conditions of **CPWD-6 & 7 carefully as amended/modified and uploaded in the Bid Documents of this Tender**. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
3. This information and instructions for bidders posted on website shall form part of bid document.
4. The contractor submitting the bid should read the schedule of quantities special conditions, particulars specifications and other terms and conditions given in the NIT and drawing. The bidder should also read the Terms and Conditions of the CPWD General condition of contract 2020 for Maintenance works with all correction slips issued upto last date of submission of bid, which is applicable as Government of India publication. However, provision included in the bid documents shall prevail over the provision contained in the standard form. The set of drawings and NIT will be available with the office of Sqn, 27 SCG Chennai. The contractor may also visit the site of work and make himself acquainted



with the site conditions before tendering. The conditions which already form part of the tender are specially brought to his notice for compliance while filling the tender.

5. The successful tenderer shall be required to deposit a performance guarantee of 3% (three Percent) of accepted tendered value (as per O.M No DG/Con/Misc./14 dated 23.11.2020 issued by DG CPWD New Delhi.) within seven days of issue of letter of Intent. This Period can be further extended by Engg-In-charge upto a maximum period of 7 days on the written request of the contractor, subject to payment of late fees @ 0.1% per day of Performance guarantee amount.

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/ PDF format.

8. Contractor must ensure to quote percentage above or below the estimated cost.

9. The Technical Bid shall be opened first on due date and time as mentioned above. The time and date of opening of financial bid of contractors qualifying the technical bid shall be communicated to them at a later date.

10. The contractor whose bid is accepted will also be required to furnish original documents along with attested copies of each of the applicable Licenses/registrations or proof of applying for obtaining labor licenses/registration with EPFO, ESIC and BOWC Welfare Board and Program Chart (Time and Progress) within the period specified in schedule "F".

11. The reimbursement of EPF & ESI contributions paid by the contractor on the part of employer shall be made on submission of documentary proof of payment provided the same is in order.

12. GST which shall mean Goods and services tax- central, state and inter-state GST or any other Tax applicable in respect of inputs procured by the contractor for this contract shall be paid by the contractor and Government will not entertain any claim whatsoever in respect of the same. However, component of GST at the time of supply of service (as provided in CGST Act 2017) provided by the contract shall be varied only if by any notification of the Govt. it is changed from that applicable on the last date of receipt of tender including extension, if any.

13. Earnest Money in the form of DD/ BC/ FDR/ Pay Order/ Deposit at call receipt/ Bank Guarantee (Drawn in favour of RPAO CISF Chennai-600090) shall be scanned and uploaded to the e-Tendering Website within the period of bid submission. The Physical EMD Shall be dropped in the box placed at office of Squadron Cdr (Engg), 27 SCG Chennai by **1100 hrs on 25.05.2023**. In case EMD is not found in the box at time of opening of Tender, online bid of such bidder shall be treated as cancelled without any notice.

14. List of documents other than financial instruments to be scanned and uploaded within the period of bid submission :-

- (i) Scanned copy of EMD in Demand Draft/FDR/Bank Guarantee/Bankers Cheque of any scheduled Bank against EMD
- (ii) Certificate of "Registration/ Enlistment order of the Contractor of appropriate category".
- (iii) Experience certificate of having successful completion of required works as per eligibility conditions.
- (iv) GST Registration Certificate of the State in which the work is to be taken up, if already obtained by the bidder.
- (v) Copy of PAN card.
- (vi) EPF and ESIC registration Certificate.

  
Sqn Cdr (Engg)

27 SCG NSG Chennai

Regional Hub Chennai  
National Security Guard  
Ministry of Home Affairs  
Govt. Of India

### CPWD-6 FOR e-TENDERING

Online Percentage rate bids are invited on behalf of President of India invites online percentage rate bids on two bids system from CPWD enlisted contractors of appropriate class and those of appropriate list of M.E.S/ BSNL/ Railways /State PWD in composite/buildings category for the work **Repair and Maintenance of Water Supply Lines and laying of Separate Line to Type II Qtrs and other Residential blocks at 27 SCG NSG , Chennai for the year 2023-24**

15. The enlistment of the contractors should be valid on the last date of submission of bids. In case the last date of submission of bid is extended, the enlistment of contractor should be valid on the original date of submission of bids.

15.1 The work is estimated to cost **Rs 42,09,648/- (Rupees Fourty Two Lakh Nine Thousand Six Hundred Fourty Eight only)** only. this estimate however, is given merely as a rough guidance.

15.2 Contractors have to fulfill the following work experience along with above enlistment, to be eligible to apply. Joint ventures are not accepted.

Should have satisfactorily completed the works as mentioned below during the last seven years ending previous day of the last date of submission of bids.

- I. 3 (three) similar works each costing not less than **(Rs. . 16,83,859/-)**  
Or
- II. 2 (two) similar works, each costing not less than **(Rs. 21,04,824/-)**  
Or
- III. 1 (one) similar works, costing not less than **(Rs .33,67,718/-)**

**certificates of works having been completed satisfactorily, and the work completion certificate shall be issued by an authority of the rank not below the rank of Executive Engineer.**

**Similar work shall means work of "Construction/Repair and maintenance of Buildings, Laying of water supply line and building related services" OR "Construction/Repair and maintenance of Building related services" and satisfactory completion shall mean "works completed within stipulated time or extended time without levy of compensation for delay".**

**Note:** 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 up to the previous day of last date of submission of bids.

16. Agreement shall be drawn with the successful bidder on prescribed Form No. CPWD 7 , which is available as a Govt. of India Publication and also available on website [www.nsg.gov.in](http://www.nsg.gov.in). Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.

17. The time allowed for carrying out the work will be **04 (Four ) month** 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 bid documents.

18. The site for the work is available.

19. 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 complied with and other necessary documents except Standard General Conditions of Contract Form can be seen from CPP Portal (<http://eprocure.gov.in/epublish/app>) & NSG official website (<http://nsg.gov.in>) free of cost.

20. After the 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.

21. While submitting the revised bid, contractor can revise the rates any number of times but before last time and date of submission of bid as notified.

22. Interested contractor who wish to participate in the bid has to submit following documents.  
Copy of Enlistment Order and other documents as specified in the tender notice shall be scanned and uploaded to the e-Tendering website within the period of bid submission.

However, original copy of all the scanned and uploaded documents as specified in tender notice shall be submitted for verification to the office of **Squadron Cdr (Engg), 27 SCG Chennai** by the lowest bidder, within 07 days of the financial bid opening, failing which his tender shall be deemed to be unresponsive and be treated as withdrawn as such.

23. The bid/tender submitted shall become invalid if:-

- (i) The bidders are found ineligible.
- (ii) The bidder does not upload scanned copies of all the following documents:-
  - a) Scanned copy of EMD in Demand Draft/FDR/Bank Guarantee/Bankers Cheque of any scheduled Bank against EMD.
  - b) Registration/ Enlistment order of the Contractor of appropriate category.
  - (c) Experience certificate of having successfully completion of required works as per eligibility conditions.
  - (d) GST Registration Certificate of the State in which the work is to be taken up, if already obtained by the bidder.
  - (e) Copy of PAN card.
  - (f) EPF and ESIC registration Certificate.
- (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and original documents submitted for verification by the lowest tenderer in the office of tender opening authority.
- (iv) If a tenderer does not quote percentage (above /below) on the total amount of tender, the tender shall be treated as invalid will not be considered as lowest tenderer.
- (v) Earnest Money in the form of DD/ BC/ FDR/ Pay Order/ Deposit at call receipt/ Bank Guarantee (Drawn in favour of RPAO CISF Chennai-600090) shall be scanned and uploaded to the e-Tendering Website within the period of bid submission. The Physical EMD Shall be dropped in the box placed at office of Squadron Cdr (Engg), 27 SCG Chennai by **1100 hrs on 25.05.2023**. In case EMD is not found in the box at time of opening of Tender, online bid of such bidder shall be treated as cancelled without any notice
- (vi) The bid/tender submitted shall be opened **at 1130 hours on 26.05.23**

24. The contractor whose bid is accepted will be required to furnish performance guarantee of 3% (Three Percent) of the bid amount (as per O.M No.DG/Con/Misc.14 dated 23.11.2020 issued by DG CPWD New Delhi) within the period specified in Schedule F. This guarantee shall be in the form of Deposit at Call receipt of any schedule bank/bankers cheque of any schedule bank/ demand draft of any schedule bank/Pay Order of any scheduled bank (in case guarantee amount is less than Rs 01 lakh) 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, Competent authority will take necessary action as per EMD declaration form without any notice to the contractor. 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 BOWC Welfare Board and Programme Chart (Time and Progress) within the period specified in Schedule F.

25. The reimbursement of EPF & ESI contributions paid by the contractor on the part of employer is to be made on submission of documentary proof of payment provided the same is in order.

25.1 GST which shall mean Goods and services tax- central, state and inter-state GST or any other Tax applicable in respect of inputs procured by the contractor for this contract shall be paid by the contractor and Government will not entertain any claim whatsoever in respect of the same. However, component of GST at the time of supply of service (as provided in CGST Act 2017) provided by the contract shall be varied only if by any notification of the Govt. it is changed from that applicable on the last date of receipt of tender including extension, if any.

25.2 The Description of the work is as follows:-

**Repair and Maintenance of Water Supply Lines and laying of Separate Line to Type II Qtrs and other Residential blocks at 27 SCG NSG , Chennai for the year 2023-24.**

Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids 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 bid. A bidder 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 bidders 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 bid by a bidders 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.

26. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.

27. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.

28. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.

29. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or before submission of the bid or engagement in the contractor's service.

30. The bid for the works shall remain open for acceptance for a period of **Sixty (60) days** from the date of opening of technical. If any bidder withdraws his bid before said period or issue of letter of acceptance, whichever is earlier, or makes any modification in the terms and conditions of the bid which are not acceptable to the department, then the Government shall without prejudice to any other right or remedy, be at liberty to take the action as submitted by contractor in EMD Declaration form.

31. This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid 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 Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid 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 applicable.

32. The person/persons whose tender(s) may be accepted (herein after 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 deposit by way of Security Deposit unless he/they has/have deposited the amount of Security at the rate mentioned above in the form of Government Securities of fixed deposit receipts. In case a fixed deposit receipt of any bank is furnished by the contractor to the Government as part of security deposit and the Bank is unable to make payment against the said fixed deposit receipt, additional security to the Government to make good the deficit.

33. All compensations or the other sums of money payable by 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, 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 Schedule Bank of Government Securities (If deposited for more than 12 month) 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 of the contractor at the rates mentioned above.

### 34. For Composite Bids :-

34.1.1 The Engineer in charge of the work will call bids for the composite work.

34.1.2 The bid document will include following:

Part A:- CPWD-6, CPWD-7 including schedule A to F for the work, Standard General Conditions of Contract for CPWD 2020 as amended/ modified up to last date of submission of bid.

Part B:- General / specific conditions, specifications and schedule of quantities applicable to the work.

34.1.3 The bidders must associate himself, with agencies as per NIT conditions.

34.1.4 The eligible bidders shall quote percentage rates of estimated cost.

34.1.5 After acceptance of the bid by competent authority, **Squadron Cdr (Engg), 27 SCG Chennai** i.e in charge of the work shall issue letter of award on behalf of the President of India. After the work is awarded, the main contractor will have to enter into one agreement with **Squadron Cdr (Engg), 27 SCG Chennai**, incharge of the composite work.

34.1.6 Entire work under the scope of composite bid including major and all minor components shall be executed under one agreement.

34.1.7 Security Deposit will be worked on the tendered amount of the agreement of work.

34.1.8 The main contractor has to associate agencies for minor component(s) conforming to eligibility criteria as defined in the bid document and has to submit detail of such agency(s) to Engineer-in-charge, within prescribed time.

34.1.9 In case the main contractor intends to change associated agency during the operation of the contract, he shall obtain prior approval of Engineer-in-charge. The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer-in-charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.

34.1.10 Running payment for the work shall be made by Engineer in charge of the work to the main contractor only.

34.1.11A The composite work shall be treated as complete when all the components of the work are complete. The completion certificate of the composite work shall be recorded by Engineer-in-charge.

34.1.11B. Final bill of whole work shall be finalized and paid by the Engineer in charge

  
**Sqn Cdr (Engg)**  
**27 SCG NSG Chennai**  
 Sqn Cdr (Engg)  
 Regional Hub Chennai  
 National Security Guard  
 Ministry of Home Affairs  
 Govt. Of India

**CPWD FORM NO. 7**  
**GOVERNMENT OF INDIA**  
**NATIONASL SECURITY GUARD**

**STATE : Tamilnadu**

**BRANCH : Engineering**

**Division: Construction Squadron, 27 SCG Chennai**

**CIRCLE : Director (Engg), NSG HQ, Palam, New Delhi**

**PERCENTAGE RATE TENDER & CONTRACT FOR WORKS**

**(i) Tender for the work of :- Repair and Maintenance of Water Supply Lines and laying of Separate Line to Type II Qtrs and other Residential blocks at 27 SCG NSG , Chennai for the year 2023-24 to be submitted online by 1100 Hours on 25.05.2023 through website :-**

**<http://eprocure.gov.in/epublish/app> & NSG official website <http://nsg.gov.in>**

**(ii) To be opened online after 1130 Hours on 26.05.2023 in the office of Squadron, 27 SCG Chennai.**

**T E N D E R**

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 and 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 respects with the Specifications, Designs, Drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of Contract and with such materials as are provided for, by and in respects in accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for **(60) sixty days** from the date of opening of tender and not to make any modifications in its terms and conditions.

A sum of **Rs. 84,193/-** as Demand draft of a Scheduled Bank is hereby forwarded 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 successor in office shall without prejudice to any other right or remedy I shall be suspended for the time specified in the tender documents. Similar provision also exists in the Manuals for procurement of works 2019 and Manual for procurement of Consultancy & other service 2017. 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 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 tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 & 12.3 of the tender form. Further, I/We agree that in case of forfeiture of earnest money or Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I / We undertake and confirm that 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 NSG 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 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 therefrom to any person other than a person to whom I/we am/are may authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated ..... \*\*

Witness: - ..... \*\*

Address: - ..... \*\*

Occupation: - ..... \*\*

Signature of Contractor.....

Postal Address: - .....

Telephone No.

Fax:-

E-Mail:-

**\*\* To be filled by the Contractor****ACCEPTANCE**

The above tender (as modified by you as provided in the letter mentioned hereunder) is accepted by me for and 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

For &amp; on behalf of the President of India

Signature.....

i)..... \*\*\*

ii)..... \*\*\*

iii)..... \*\*\*

iv)..... \*\*\*

Dated.....

**\*\*\* To be filled by the Sqn. 27 SCG Chennai**

**SCHEDULES (A TO F)****SCHEDULE 'A'**

Schedule of quantities (Enclosed)

- As attached

**SCHEDULE 'B'**

Schedule of materials to be issued to the contractor.

S.No.	Description of item.	Quantity.	Rate 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
	_____	NIL	_____

**SCHEDULE 'D'**

Extra schedule for specific requirements/ documents for the work, if any \_\_\_\_\_ NIL

**SCHEDULE 'E'**Reference to General Conditions of  
Contract:-**General Conditions of Contract for CPWD maintenance works -  
2020 with up to date correction slips.**

Name of Work : **Repair and Maintenance of Water Supply Lines and laying of Separate Line to  
Type II Qtrs and other Residential blocks at 27 SCG NSG , Chennai for the year 2023-24**

1.1  
1.2

1.2	Estimated Cost of work: -	Rs. 42,09,648/-
1.3	Earnest Money: -	Rs. . 84,193/-
1.4	Performance Guarantee	3% of tendered value
1.5	Security Deposit	2.5% of tendered value plus 2.5% from tendered value of PG involving maintenance of the building and service/ other work after construction of same building and service/ other work.

**SCHEDULE 'F':-****General Rules & Directions:-**

Officer Inviting Tender: -  
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

Squadron, 27 SCG Chennai

100 %



**Definitions:-**

2(v)	Engineer-In-Charge	Sqn Cdr 27 SCG Chennai
2(viii)	Accepting Authority	Sqn. 27 SCG Chennai
2(x)	Percentage on cost of materials and labour to cover all overheads and profits	15%
2(xi)	Standard Schedule of Rates	D.S.R. 2021 (Civil) with correction slips up to last date of submission of tender including extension, if any
2(xii)	Department	National Security Guard
9(ii)	Standard CPWD Contract Form	CPWD form 7 & General Conditions of Contract for CPWD Maintenance Works-2020 with upto-date correction slips.

**Clause-1:-**

- (i) Time allowed for submission of performance guarantee, **Programme Chart (Time & Progress) and applicable labour licenses, Registration with EPFO, ESIC and BOCW welfare Board or proof of applying thereof** from the date of issue of letter of acceptance **07 days**

- (ii) Maximum allowed extension with late fee @ 0.1% Per day of PG amount beyond the period (i) above **07 days**

**Clause-2:-** Authority for fixing compensation under clause-2.

Director Engineering, HQ NSG, New Delhi

**Clause-2A:-**

Whether clause-2A shall be

**Applicable as per GCC Maintenance work 2020 CPWD**

**Clause-5:-** i. Number of days from the date of issue of letter of acceptance for reckoning date of start

10 days

ii. Time allowed for execution of work

**04 Month**

iii. **Mile Stone (s) as per table given below**

Sl.No.	Description of Mile Stone (value of work to be done)	Time allowed in day (From the date of start)	Amount to be withheld in case of Non achievement of Mile Store
1	1/2 of the work	In 1/4 of time	1% of tender amount
2	1/4 of the work	In 1/4 of time	-do-
3	1/4 of the work	In 1/2 of time	-do-
4	Full work	Full time	-do-

Time allowed for execution of work : **04-Month**

**Authority to decide**

(i) Extension of time Sqn Cdr(Engg), 27 SCG, Chennai

(ii) Shifting of date of start in case of delay in handing over of site. Sqn Cdr(Engg), 27 SCG, Chennai

Clause 5.4 Schedule of rate of Recovery for delay in submission of the modified programme in terms of delay days

Rs 1000 per week

**Clause-6**

**Clause applicable- (6):-**

**: 6 Applicable**

<b>Clause-7:-</b>	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	<b>Rs. 1000000/- Per month</b>
<b>Clause-7A:-</b>	Whether clause 7A shall be applicable:	Yes
<b>Clause-10A:-</b>	List of testing equipment to be provided by the contractor at site lab	As per Direction of Engineer-in-Charge
	1. Measuring Tape, 2.Digital Weighing machine 3. Voltmeter/Ammeter 4. Clamp on Meter 5. Earth Resistance tester	
<b>Clause-10-B (i):-</b>	Whether clause 10-B (i) shall be applicable	Not Applicable
<b>Clause-10-B (ii):-</b>	Whether clause 10-B (ii) shall be applicable	Not Applicable
<b>Clause-10C:-</b>	Component of labour expressed as percent of total value of work.	Not Applicable
<b>Clause-10 CA:-</b>		Not applicable
<b>Clause-10-CC:-</b>	Payment due to increase/decrease in prices/wages after receipt of tender for work	Not Applicable
<b>Clause-11:-</b>	Specifications to be followed for execution of work	Latest C.P.W.D. Specifications
<b>Clause-12:-</b>	Authority to decide deviation upto 1.5 Times of tendered amount	Director (Engg.), HQ NSG, New Delhi
12.2 & 12.3	Deviation limit beyond which clause 12.2 & 12.3 shall apply for Building work.	100%
	Deviation limit beyond which clause 12.2 & 12.3 shall apply for foundation works	100%

**Note :** The rate for extra and substituted items shall be lower of the following (DSR/Non DSR both):

(a) Market rate of that (EI/SI) at the time of execution plus / minus the percentage above / below the Estimated cost of the work at which the tender has been accepted. Or (b) Market rate of that item (EI/SI) at the time of execution.

**Clause-16:-** Competent Authority for deciding reduced rates.

**Director Engr ,HQNSG Prior approval of IG(Admn.) is required in case the total value of quantities of sub-standard items at agreement rate exceeds 5% of Contract value**

**Clause-18:-** List of Mandatory machinery, tools & plants to be deployed by the contractor at site : Plants to be deployed by the contractor **As per requirement** at site.

Clause 19:- Clause 19C Authority to decide for each default

Engineer-in-Charge

Clause 19D Authority to decide for each default

Engineer-in-Charge

Clause 19G Authority to decide for each Default

Engineer-in-Charge

Clause 19K Compensation to be paid by contractor in case of failure to deploy qualified tradesman

Not Applicable

**Clause-25 :-** Competent Authority for appointing Arbitrator : The Director General, HQ, NSG  
**Constitution of Dispute Redressal Committee (DRC) for total claims more than Rs. 25 Lacs:**

1. Chairman : IG HQ.
2. Member : Dir (Engg).
3. Member : Any nominated account officer by IG HQ
4. Member : Concerned SC (Engr) (Only to present the case).

**Constitution of Dispute Redressal Committee (DRC) for total claims upto Rs. 25 Lacs:**

1. Chairman : GC of Some other Regional Hub (Nominated by IG HQ)
2. Member : DC of some other sector to be nominated by IG.
3. Member : Senior Accountant of Gp
4. Member : Concerned SC (Engr) (Only to present the case).

**\*\*\*\*IG HQ is competent to appoint DRC in both cases.**

**Clause-32:-** Clause 32 Requirement of Technical Representative(s) and Recovery Rate

Sl No.	Minimum Qualification of Technical representative		Minimum Experience	Designation	Discipline
	Qualification	Number			
	Graduate Engineer	1	2	Principal Technical Representative Project manager cum planning/	Civil Engineering
	Or Diploma engineer		5	quality /site/ billing engineer	

Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of major component Rs. 15000/- per month .

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers. Diploma holder with minimum 10 year relevant experience with a reputed construction co. can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

**Clause-42:-** Not Applicable

  
**Sqn Cdr (Engg)**  
**27 SCG NSG Chennai**  
 Regional Hub  
 National Security Guard  
 Ministry of Home Affairs  
 Govt Of India

## GENERAL CONDITIONS

### 1.0 Scope of work

**The quoted rates of the contractor include all the following activities, except otherwise specified**

- (i) The scope of work also includes Preliminary works like setting and maintenance of permanent bench marks reference points, central line of the carriageway etc. It shall also include making adjustment in the layout if required as per site conditions and as directed by the Engineer-in-Charge. The layout shall be got approved from the Engineer-in-charge before starting actual work. Existing levels of the area under the scope of work shall also be recorded.
- (ii) Clearing of site for construction of the work and all activities connected therewith before commencement of work to the satisfaction of the Engineer-in-Charge.
- (iii) Maintenance of all works during construction till handing over to the Department.
- (iv) Protection and maintenance of existing services.
- (v) Provision for all safety measures for traffic, pedestrian workmen, machinery etc. as considered necessary by the Engineer-in-charge.
- (vi) Identification of services like sewer lines, water supply lines, electric and telephone cables etc. well in advance of actual execution.
- (vii) It may be noted that all the safety requirements as may be felt necessary by the Engineer-in-Charge, shall have to be provided for allowing the traffic to pass underneath the superstructure at all times during the construction period.
- (viii) In case of defective construction by the contractor or on account of any other reason attributable to the contractor if the consultants appointed by the department, submit additional claims for re-designing on account of additional input by them, due to such reasons, the same shall also be borne by the contractor. The opinion of the Engineer-in-charge in these matters shall be final and binding.
- (ix) All ancillary and incidental facilities required for execution of the work i.e. labour camps, stores, offices for contractors, work shop facilities, watch and ward, temporary structure for plants and machinery, well equipped, site laboratory as mentioned in the tender document, water storage structure, tube wells, electric /telephone installation and charges, liaison work, protection work during execution and not included in the main Items, any other Item /activity contained elsewhere in the tender documents which is necessary for execution of work in the opinion of the Engineer-in-Charge.
- (x) Pumping and bailing out water in suitable manner as directed by Engineer-in-Charge.
- (xi) It is also made clear that intending tenderer should visit the sites of work including contractor's compound and physically assess the activities which are involved for completing the work, including the quantum of work besides the information supplied in the tender document. No claim whatsoever shall be entertained on this account.
- (xii) The construction agencies shall make arrangement for a regular fortnightly or other frequency as desired by Engineer-in-Charge for the documentation of the progress of work.
- (xiii) Activities related to setting of various Items such as permanent bench-marks, reference points, central line of carriageway, layout of foundations and bearings etc. shall be performed by total station survey.
- (xiv) The contractor shall provide barricading along the length of road if required and suitable light shall be provided with barricading, if required. Contractor shall not be paid anything extra for the barricading. In case the Agency fail to provide barricading as per direction of Engineer Incharge. The same shall be provided by the department at his risk and cost.
- (xv) Services like water supply lines, sewer lines, storm water drains, electricity lines, telephone lines over head and underground cables /structure, if any falling in the alignment of the work, (which are required to be re-

## LIST OF PREFERRED MAKES FOR CIVIL / SANITARY WORKS

S.No.	Material	Preferred make
1. (i)	Ordinary Portland Cement (Grey) : 43 grade (IS: 8112)/Portland Pozzolana Cement (grey) IS: 1489(Part-I)	Ultratech, Gujarat Ambuja, Birla, JK Super ACC, JK Lakshmi Cement, JAYPEE Cement
(ii)	White Cement :	Birla White / J. K. White
2.	Reinforcing Steel (IS-1786) :	(Main) SAIL, TISCO, Rashtriya Ispat (RINL), Vizag, JSW Steel, Kamdhenu
3.	Water Proofing Compound (IS-2645) :	Fosroc, Cico, Pidilite. (Dr. Fixit), Sika, Ferroseal Product
4.	PVC Tank (IS-12701 Marked) :	SINTEX, SPL, STAR, LOTUS, PLASTO, SUPREME, J.S POLYPLAST
5.	M.S. Pipe :	Tata, Jindal (Hisar), Jindal (Ghaziabad), Prakash Surya, apolla
6.	Pre laminated profile sheet :	TATA Durashine, ACCIL, JSW, BHUSHAN STEEL, NATIONAL, JINDAL
7.	FRP Doors (IS-14856) :	SIMBA, FIBRE WAYS, EVERDOOR, SAGAR FRP
8.	Flush Door (IS-2202 Pt-I) :	DURO, Century, SWASTWIK, GREENPLY, ARCHIDPLY, SONEAR
9.	Synthetic Enamel Paint :	Nerolac, Burger (Luxol Higliss), Asian Paints (Premium Apcolite Gloss)
10.	<del>Steel Primer/ Wood Primer</del> :	<del>Nerolac, Burger, Asian Paints</del>
11.	Vitrified Tiles (IS-15622), :	Nitco, Marbonite, Jhonson, Kajaria, Somany, Orient, RAK, Asian
12.	Double charge/Heavy duty / High density Vitrified Tiles :	-do-
13.	Plain Particle Board (IS-3097)/ Prelaminate Particle Board (IS-12823) ACTION (TESA) :	KIT PLY, DURO, ARCHID PLY,
14.	PLWOOD BW/BWR (IS-303)/ BLOCK BOARD (IS-1659)/Veneered Ply wood (IS-1328) :	DURO, CENTURY, KIT PLY, ACTION (TESA)
15.	Ceramic glazed Tiles (IS-15622) :	Kajaria, NITCO, Somany, and Orient
16.	Vitreous China Sanitary Ware :	Parryware, HINDWARE, Cera
17.	Exterior Paint :	Asian Paint, Nerolac, Burger
18.	Plastic seat cover of W.C. :	Commander, Diplomat, Hindware, Prayag, Paryare, Cera
19.	PVC Flushing cistern :	Commander, Coral, Hindware (Slim line), Prayag, Paryware, Cera
20.	CP Fittings/Accessories/Mixer Pillar taps (IS-8931):	Jaquar, HINDWARE, Parryware, Cera
21.	Centrifugally Cast (spun) Iron Pipes & fittings (IS-3989) :	R.I.F, NECO, B.I.C., SKF, HIF, HEP
22.	G.I. Pipes (IS-1239) :	Tata, Jindal Hissar, Prakash Surya
23.	G.I. Fittings :	R, Unik, KS, RM.
24.	Gun metal Valves (IS-778) :	Leader, Zoloto, Kilburn, CIM, Valves, Sant, DRP
25.	Brass stop & Bib Cock :	Zoloto, Sant, L&K, Leader.
26.	Stoneware pipes & Gully traps :	Prefect, Hind, RK, and OCR.
27.	Mirror Glass, Glass panes :	Atul, Modi Guard, Golden, Siant Gobain
28.	Structural Steel :	Main - RINL, SAIL, IISCO, TISCO Secondary- K.L., VANDANA, CAPITAL
29.	Vertical Blind :	VISTA (Dustguard), MAC, Armstrong
30.	PTMT :	PRAYAG or Equivalent
31.	RMC Producer :	ACC, Ultra Tech
32.	Precast C.C Kerb Stone :	KK, NIMCO, NTC, Sushma Enterprises, KJS Concrete, PAVERS INDIA CO.
33.	Paving Tiles/Block :	PAVERS INDIA CO., Ultra, Dura Crete, NIMCO, NTC, K.K, Sushma Enterprises, KJS Concrete
34.	CPVC & UPVC water supply pipe and fitting accessories :	Astral, Pentair, Supreme, Ashirvad
35.	SFRC Manhole Cover & Frame (IS: 12595):	K.K, Sushma Enterprises, KJS Concrete, PAVERS INDIA CO.
36.	RCC Pipe (IS-458) :	Pragati Concrete Udyog, Usha Spun Pipe, J K Spun Pipe
37.	Calcium Silicate Board, false ceiling boards :	Aerolite, Armstrong, Gypsum India, Shera, Gyproc

Note : Prior approval of Engineer-in-charge is to be obtained in case use of any other make is required by giving three makes timely with justification. No delay if any, on this account shall be entertained.



### Instructions for online Bid submission

**Instructions to the Bidders to submit the bids online thro' the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>**

- 1) Possession of valid Digital Signature Certificate (DSC) and enrollment/ registration of the contractors/bidders on the eprocurement /etender portal is a prerequisite for etendering.
- 2) Bidder should do the enrollment in the eProcurement site using the "Click to Enroll" option available on the home page. Portal enrollment is generally free of charge. During enrollment/registration, the bidders should provide the correct/true information including valid email\_id. All the correspondence shall be made directly with the contractors/bidders through email\_id provided.
- 3) Bidder need to login to the site thro' their user ID / password chosen during enrollment / registration.
- 4) Then the Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by SIFY/TCS/nCode/ eMudra or any Certifying Authority recognized by CCA India on eToken/ Smart Card, should be registered.
- 5) The DSC that is registered only should be used by the bidder and should ensure safety of the same.
- 6) Contractor/Bidder may go through the tenders published on the site and download the required tender documents/ schedules for the tenders he/she is interested.
- 7) After downloading / getting the tender document/schedules, the Bidder should go thro' them carefully and then submit the documents as asked, otherwise bid will be rejected.
- 8) If there are any clarifications, this may be obtained online thro' the tender site, or thro' the contact details. Bidder should take into account the corrigendum published before submitting the bids online.
- 9) Bidder then logs in to the site through the secured log in by giving the user id/password chosen during enrolment/registration and then by giving the password of the eToken/Smart Card to access DSC.
- 10) Bidder selects the tender which he/she is interested in by using the search option & then moves it to the 'my tenders' folder.
- 11) From my tender folder, he selects the tender to view all the details indicated.
- 12) It is construed that the bidder has read all the terms and conditions before submitting their offer. Bidder should go through the tender schedules carefully and upload the documents as asked; otherwise, the bid will be rejected.
- 13) 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/zip formats. If there is more than one document, they can be clubbed together and can be provided in the requested format. Each document to be uploaded through online for the tenders should be less than 2 MB. If any document is more than 2MB, it can be reduced through zip/rar and the same can be uploaded, if permitted. Bidders Bid documents may be scanned with 100 dpi with 12 black and white option. However of the file size is less than 1 MB the transaction uploading time will be very fast.
- 14) If there are any clarifications, this may be obtained through the site, or during the pre-bid meeting if any. Bidder should take into account the corrigendum published from time to time before submitting the online bids.
- 15) The Bidders can update well in advance, the documents such as certificates, annual report details etc., under My Space option and these can be selected as per tender requirements and then send along with bid documents during bid submission. This will facilitate the bid submission process faster by reducing upload time of bids.
- 16) Bidder should submit the Tender Fee/ EMD as specified in the tender. The original should be Posted / couriered/given in person to the Tender Inviting Authority, within the bid submission due date & time for the tender. Scanned copy of the instrument should be uploaded as part of the offer.
- 17) While submitting the bids online, the bidder reads the terms & conditions and accepts the same to proceed further to submit the bid packets.
- 18) The bidder has to select the payment option as offline to pay the Tender FEE/ EMD as applicable and enter details of the instruments.
- 19) The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise submitted bid will not be acceptable.
- 20) The bidder has to digitally sign and upload the required bid documents one by one as indicated. Bidders to note that the very act of using DSC for downloading the bids and uploading their offers shall be deemed to be a confirmation that they have read all sections and pages of the bid document including General conditions of contract without any exception and have understood the entire document and are clear about the requirements of the tender requirements.
- 21) The bidder has to upload the relevant files required as indicated in the cover content. In case of any irrelevant files, the bid will be rejected.

- 22) Tenderers should submit price bid in format available Annexure in **CPP Portal** <http://eprocure.gov.in/eprocure/app> and don't change the name of downloaded Annexure. Only fill the area which is available to fill and validate by the given button in Annexure, save the file and upload the file on portal.
- 23) The bidders are requested to submit the bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission end date & time (as per Server System Clock). The TIA will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders at the eleventh hour.
- 24) After the bid submission (ie after Clicking "Freeze Bid Submission" in the portal), the acknowledgement number, given by the system should be printed by the bidder and kept as a record of evidence for online submission of bid for the particular tender and will also act as an entry pass to participate in the bid opening date.
- 25) The time settings fixed in the server side & displayed at the top of the tender site, will be valid for all actions of requesting, bid submission, bid opening etc., in the e-tender system. The bidders should follow this time during bid submission.
- 26) All the data being entered by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered will not viewable by unauthorized persons during bid submission & not be viewable by any one until the time of bid opening.
- 27) Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers' public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

### TERMS AND CONDITIONS

1. The work is required to be executed in restricted area and the contractor shall abide by the security instructions/written directions of NSG officials regarding working hours and entry in the building/area. No claim shall be entertained on this account.
2. Rates are inclusive of all leads, lifts including head lead. Before quoting rates, sites of works may be seen. Nothing extra shall be payable on this account.
3. If Engineer-in-charge feels so, sample of cement and reinforcement can be sent for required test. In case sample of cement and steel does not confirm prescribed specification, the same shall be removed from site of work within three days from the date of order of Engineer-in-charge to remove materials.
4. In case of testing of materials, contractor shall arrange sample of materials and its cartage to the test laboratory. Initially test charges shall be borne by the contractor and the test results confirm to prescribed specifications, charges shall be reimbursed to the contractor by the department.
5. High Strength deformed steel bars confirming to IS : 1786 shall be used in RCC work.
6. Quantities of items indicated in schedule of work may vary either side. Before bringing materials at site, contractor may verify quantity as per actual requirement.
7. The pre-coated sheet shall be as per the brand list enclosed.
8. The pre-coated sheet shall have minimum coating as per specification given in Schedule of quantity.
9. The contractor shall have to submit the list/document of workers and engineers to the department before execution of work for issuing the entry permission/passes etc. This process should complete before date of start of work as stipulated in award letter/ LOI.
10. All materials are required to be got approved from the Engineer in charge before execution of the work by the contractor.
11. If the contractor uses electricity during execution of work, he has to obtain Electricity connection from UA-BSO & connect the supply as per direction of TC/JE (E) of area concerned. If found any irregularity or theft case action will be taken as per SOP of UABSO.
11. All extra / substituted items shall be paid on the rates calculated on the basis of clause 12.
12. Direction of Engineer in charge about the priority of items should be final and time frame should be strictly adhered to. If the contractor fails to execute the items with in time frame asked by the Engineer- in- charge, Engineer- in- charge will reserves the right to imposed penalty @ Rs. 1000/ day. If the contractor continuous to violate the direction of EIC continuously/ repeatedly, EIC reserve the rights to cancel the agreement and take action according to relevant clauses of agreement.
13. The contractor has to follow all COVID-19 guideline issued by GOI/NSG. Nothing will be paid extra on this account
15. **Statutory Requirements:** All the statutory obligations with respect to taxes etc. should be borne by the intending agency and the department shall remain indemnified.
16. **General Conditions:** Contractor / agency shall nominate sufficient eligible candidate of required profile against each workmen required. They will be screened for best candidate by Engineer – In – Charge before they are actually engaged at work. However, the firm shall be responsible for suitability of all workers engaged each category.
17. **Non Payment of Wages:** In case of any complaint by any worker against the contractor / agency is received by Engineer – In – Charge, the proportionate payment due to the contractor / agency shall be withheld from his bill and the case shall be referred to the concerned authority.
18. **Periodical Meeting:** A periodical review meeting of the contractor's / agency's representative with



the Engineer – In – Charge after every fortnight (As per convenience of the Engineer – In – Charge) shall be held.

19. **Safety of NSG Assets:** Any loss caused to NSG or its asset in any manner as result of carelessness / lack of skill / unwanted behavior or due to any other reason in any other form shall be recoverable from the agency. The decision of the Engineer – In – Charge with regard to quantum of loss and the penalty to be imposed shall be final and binding.
20. **T & P:** All the skilled workers should with equipped with personal tool kit on work as per site requirements (like irrigation/water supply pipe, hessian cloth, brooms or any other type). First – Aid box shall also be arranged by the contractor / agency at site of work. No extra payments will be made on those accounts by the department.
21. **Antecedents:** The contractor / agency shall employ only such persons whose antecedents are satisfactory. The contractor / agency have to certify that the persons engaged bear a good moral character. The bio – data of the staff engaged shall also be submitted to the Engineer – In – Charge before actually engaging them on work.
22. **Accidents:** Department shall not be responsible for any injury partial or permanent or death of any worker at site due to accident or malfunctioning of the equipments by negligence of the staff. The contractor shall absolve the department of any obligation on the above account.
23. **Termination of Contract:** The department shall be at liberty to discontinue contract / agreement by giving One month notice without assigning reason thereof (01 month shall be reckoned from the date of issue of the letter for discontinuation). Decision of Engineer – In – Charge shall be final and binding on the contractor, for which no claim on any account will be entertained by the department.
24. **Wages:** It shall be responsibility of the contractor to pay minimum wages to his workers as approved by the Government.
25. **Conduct:** The contractor / agency shall be responsible for the conduct and behavior of his employees. If any employee of the contractor / agency is found misbehaving with the supervisory staff or any other staff member, the contractor / agency shall terminate the services of such employee within 24 hours at their own risk and responsibility.
26. **Area:** The work is required to be executed in restricted area and the contractor / agency shall abide by all instructions / written directive of NSG official and follow all security norms.
27. **Experience:** Staff provided by duty shall be professionally competent and experienced in respective fields as described in these documents elsewhere.
28. **Loss & Damage:** Any loss or damage to the listed inventory of all services by way of theft, sabotage or mal operation of equipment or any other machinery / switch gear shall be made good by the contractor / agency at his own cost.  
**Any loss and damage to the Govt. property due to the negligence/theft of the contractor's labour, shall be the responsibility of the contractor and the recovery shall be made from the bills.**
29. **Services:** The contractor / agency should visit site before quoting and see himself the services for which he has to provide suitable necessary staff for its operation / maintenance.
30. Bidder must read the conditions given vide MoF, DoE, order no. F.No. 06/18/2019-PPD dated 23 July 2020. If any condition applies to any bidder, respective certificate as given in above order shall be enclosed duly signed by bidder, in case of any shortcoming in reference to this order is found, bids of such bidders shall be treated as cancelled.

Sqn Cdr (Engg)  
Regional Sub Chennai  
National Security Guard  
Ministry of Home Affairs  
27 SCG NSG Chennai  
Govt Of India

## Schedule of Quantity

**Name of Work:-** Repair and Maintenance of Water Supply Lines and laying of Separate Line to Type II Qtrs and other Residential blocks at 27 SCG NSG , Chennai for the year 2023-24.

Sl. No.	Item Description	Quantity	Units	Rate	AMOUNT
1	2	3	4	5	54
1	EARTH WORK				
2	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth up-to 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :				
3	All kinds of soil				
4	Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	350.000	metre	534.05	186917.50
5	Excavating trenches of required width for pipes, cables, etc, including excavation for sockets, depth upto 1.5 m, including getting out the excavated materials, returning the soil as required in layers not exceeding 20 cm in depth, including consolidating each deposited layers by ramming, watering etc., stacking serviceable material for measurements and disposal of unserviceable material as directed, within a lead of 50 m :				
6	Ordinary rock :				
7	Pipes, cables etc. exceeding 80 mm dia but not exceeding 300 mm dia	35.000	metre	1201.35	42047.25
8	CEMENT CONCRETE (CAST IN SITU)				
9	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
10	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	2.730	cum	10500.25	28665.68

11	Centering and shuttering including strutting, propping etc. and removal of form work for :				
12	Foundations, footings, bases for columns	24.300	Sqm	362.20	8801.46
13	Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana/Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the minimum specified cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.				
14	All works upto plinth level :				
15	Concrete of M10 grade with minimum cement content of 220 kg /cum	3.150	cum	10558.80	33260.22
16	Concrete of M15 grade with minimum cement content of 240 kg /cum	5.000	cum	10812.20	54061.00
17	Dismantling and Demolishing				
18	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
19	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	5.000	cum	2288.35	11441.75
20	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.	2.000	cum	3338.40	6676.80

21	Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer-in-charge.	20.000	sqm	1076.25	21525.00
22	Taking out C.I. cover with frame from R.C.C. top slab of manholes of various sizes including demolishing of R.C.C. work manually/ by mechanical means and stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead as per direction of Engineer-in-charge.	2.000	each	654.20	1308.40
23	Taking out C.I. cover with frame from R.C.C. top slab of inspection chambers of various sizes including demolishing of R.C.C. work manually/ by mechanical means and stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead as per direction of Engineer-in-charge.	2.000	each	381.30	762.60
24	Dismantling of R.C.C. spun vent shaft including excavating the cement concrete pit completely, taking out the shaft, refilling the excavated gap, stacking the useful materials near the site and disposal of unserviceable materials within 50 metres lead.	2.000	each	4337.15	8674.30
25	ROAD WORK				
26	Cutting road and making good the same including supply of extraquantities of materials i.e. aggregate, moorum screening, red bajri and labour required.				
27	Water bound macadam	12.000	cum	3027.20	36326.40
28	WATER SUPPLY				
29	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes confirming to IS:15801 UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, including trenching, refilling & testing of joints complete as per direction of Engineer-in-Charge. External work				
30	PN - 16 Pipe, 32 mm OD (SDR-7.4)	20.000	metre	341.55	6831.00
31	PN - 16 Pipe, 40 mm OD (SDR-7.4)	20.000	metre	441.80	8836.00
32	PN - 10 Pipe, 50 mm OD (SDR-11)	20.000	metre	591.10	11822.00

33	PN - 10 Pipe, 63 mm OD (SDR-11)	10.000	metre	682.55	6825.50
34	PN - 10 Pipe, 110 mm OD (SDR-11)	800.000	metre	1726.40	1381120.00
35	Providing and fixing PPR Unions				
36	PPR Union 32mm	5.000	each	446.20	2231.00
37	PPR Union 40mm	5.000	each	539.85	2699.25
38	PPR Union 50mm	2.000	each	794.05	1588.10
39	PPR Union 63mm	2.000	each	981.35	1962.70
40	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
41	32 mm nominal bore.	2.000	each	589.90	1179.80
42	40 mm nominal bore	2.000	each	707.30	1414.60
43	50 mm nominal bore	2.000	each	878.25	1756.50
44	65 mm nominal bore	1.000	each	1490.70	1490.70
45	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :				
46	20 mm nominal bore	2.000	each	397.45	794.90
47	Providing and fixing gun metal non-return valve of approved quality (screwed end) :				
48	32 mm nominal bore				
49	Horizontal	2.000	each	677.55	1355.10
50	Vertical	2.000	each	777.90	1555.80
51	50 mm nominal bore				
52	Horizontal	2.000	each	1173.65	2347.30
53	Vertical	2.000	each	1320.85	2641.70
54	65 mm nominal bore				
55	Horizontal	2.000	each	2093.80	4187.60
56	Vertical	1.000	each	2127.25	2127.25
57	80 mm nominal bore				
58	Horizontal	1.000	each	3134.80	3134.80
59	Vertical	1.000	each	3536.15	3536.15



60	Providing and laying flanged C.I. standard specials such as tees, bends, collars, tapers, caps etc., suitable for flanged jointing as per IS : 1538 :				
61	Up to 300 mm dia	1.000	quintal	8267.05	8267.05
62	Over 300 mm dia	1.000	quintal	7664.95	7664.95
63	Providing and laying S&S centrifugally cast (spun) iron pipes (Class LA) conforming to IS - 1536 :				
64	125 mm dia pipe	30.000	metre	1521.55	45646.50
65	Providing flanged joints to double flanged C.I./ D.I. pipes and specials, including testing of joints :				
66	125 mm diameter pipe	10.000	each	322.85	3228.50
67	Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately) :				
68	125 mm diameter				
69	Class II	2.000	each	5498.50	10997.00
70	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 ( 1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size ) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick, finished with a floating coat of neat cement complete as per standard design :				
71	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	2.000	each	2082.90	4165.80

72	Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160 mm bottom diameter and 180 mm deep ( inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size ) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design :				
73	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	2.000	each	12470.55	24941.10
74	Constructing masonry Chamber 90x90x100 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100 mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size ) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size ) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design :				
75	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	1.000	each	21674.35	21674.35

76	Constructing masonry Chamber 60x45x50 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for water meter complete with C.I. double flap surface box 400x200x200 mm (inside) with locking arrangement and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 ( 1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design :				
77	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	1.000	each	11312.70	11312.70
78	Providing and laying S&S C.I. Standard specials such as tees, bends, collars tapers and caps etc, suitable for flanged jointing as per IS : 1538 :				
79	Up to 300 mm dia	1.000	quintal	7584.70	7584.70
80	Providing and laying S&S C.I. Standard specials suitable for mechanical jointing as per IS : 13382 :				
81	Up to 300 mm dia	1.000	quintal	12108.25	12108.25
82	Providing push-on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and the cost of rubber gasket :				
83	150 mm dia pipes	2.000	joint	172.00	344.00
84	Providing and laying Double Flanged (screwed / welded) Centrifugally (Spun) Cast Iron, Class B (IS : 1536) :				
85	150 mm dia C.I. Double Flanged Pipe	2.000	metre	2898.15	5796.30
86	Cutting holes up to 30x30 cm in walls including making good the same:				
87	With common burnt clay F.P.S. (non modular) bricks	2.000	each	416.70	833.40
88	Making hole up to 20x20 cm and embedding pipes up to 150 mm diameter in masonry and filling with cement concrete 1:3:6 (1 cement : 3 coarse sand: 6 graded stone aggregate 20 mm nominal size) including disposal of malba.	3.000	metre	261.65	784.95
89	DRAINAGE				




90	Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand ) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :				
91	Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) :				
92	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1.000	each	14629.65	14629.65
93	Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) :				
94	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1.000	each	29418.10	29418.10
95	main item				

96	Supply and installation and Commissioning of vertical multi stage Centrifugal transfer pump of Hydro pneumatic Single VFD system with inlet and outlet ports on same level, 2 pole motor, 2919 rpm , Flow 15m <sup>3</sup> /Hr, 70 m resulting head, 6 stage, full load efficiency not less than 90 % , rated power 5.5 KW/7.5 HP, 3 phase, 50 Hz , rated current 11 Amp, pump head and base are in cast iron , all wetted parts are stainless steel grade 304 , cartridge shaft seal, pipe phase fan cooled asynchronous motor . Steel , cast iron and aluminium components made in CED process. Chambers and impellers are made of Stainless steel material . Thermistor (PTC sensor ) in the winding of motor. Pressure tank of 300 Ltr capacity made of MS with CED coating as required compatible to Grundfos model No. Hydro MULTI B 2XCR-15-06. and further output connections for water supply via Suitable Mild Steel pipe and all necessary accessories like Bend, Valve, sluice valve, NRV etc. Upto 20 metre alongwith gate valve at termination as per Engg-in- Charge	1.000	SET	910155.00	910155.00
97	Supplying and installation of Water check valve for water non retruting purpose made of cast iron , 65 mm dia in the existing water line system as required .	2.000	Nos	9257.00	18514.00
98	Construction of RCC foundation for Centrifugal sump pump arrangement of size 5' length, 3' width and 2' height , M20 grade concrete , 12 mm dia TMT bars	1.000	Nos	9343.00	9343.00
99	Providing and fixing Gate valve PN 10 with C.I wheel of aproved quality with flange Make: Zoloto, Leherly : 100 mm Nominal Bore	6.000	Nos	19742.00	118452.00
100	Providing and fixing y-Strainer PN 10 of aproved quality with flange 100 mm Nominal Bore : make : Zoloto , Leherly	4.000	Nos	9406.00	37624.00
101	Providing and fixing Non Retrurn Valve PN 10 aproved quality with flange Make :Zoloto, Leherly , 100 mm nominal Bore	2.000	Nos	14346.00	28692.00
102	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering.Upto 35 sq. mm	50.000	Mtr	200.00	10000.00

103	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.Upto 35 sq. mm (clamped with 1mm thick saddle)	15.000	Mtr	55.00	825.00
104	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.	2.000	each	369.00	738.00
105	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. in the existing trench, complete as required.63 mm dia (00-63 mm & ID-51 mm nominal)	65.000	Mtr	127.00	8255.00
106	Supplying of 3.5x35 sqmm armoured XLPE power cable of 1.1 KV grade of suitable make conformity to Indian Standard .	65.000	Mtr	625.00	40625.00
107	SITC OF WIRELESS CONTINUOUS LEVEL TRANSMITTER (RANGE UP TO 1 KM)	30.000	each	5876.40	176292.00
108	SITC OF CENTRALIZED WIRELESS & IOT ENABLED DATA RECEIVER  WITH LCD DISPLAY & MULTIPLE TRANSMITTER  CONNECTIVITY AND TECH ENABLED PREDICTION (RANGE UP TO 1 KM)	5.000	each	57230.00	286150.00
109	SITC OF SENSING PROBES	100.000	each	590.00	59000.00
110	SITC OF PORTABLE DEVICE BASED APPLICATION ( GUI) WITH  SERVER CONNECTIVITY & TECH ENABLED DATA  PREDICTABILITY	1.000	each	177000.00	177000.00
111	SITC OF SOFTWARE INTEGRATION AND OPTIMIZATION USING  VARIOUS LIBRARIES FOR CUSTOMIZED/COMPLEX MULTI  TANK SYSTEM	1.000	1	206500.00	206500.00
112	Providing and fixing PPR 25 MTA as per direction of engineer-incharge with complete required accesseries	7.000	each	713.00	4991.00
113	Providing and fixing PPR 40 Tee as per direction of engineer-incharge with complete required accesseries	1.000	each	365.00	365.00

114	Providing and fixing PPR 20mm Cupling as per direction of engineer-incharge with complete required accesseries	1.000	each	297.00	297.00
115	Providing and fixing PPR 25mm Pul Redusar as per direction of engineer-incharge with complete required accesseries	1.000	each	230.00	230.00
116	Providing and fixing PPR 25mm PUL FTA as per direction of engineer-incharge with complete required accesseries	1.000	each	620.00	620.00
117	Providing and fixing CPVC 50mm Cupling as per direction of engineer-incharge with complete required accesseries	4.000	each	272.00	1088.00
118	Providing and fixing CPVC UNION 50 MM as per direction of engineer-incharge with complete required accesseries	3.000	each	586.00	1758.00
119	Providing and fixing PPR 50mm GATE VALVE as per direction of engineer-incharge with complete required accesseries	4.000	each	1655.00	6620.00
120	Providing and fixing PPR 32mm GATE VALVE as per direction of engineer-incharge with complete required accesseries	1.000	each	1156.00	1156.00
121	Providing and fixing PPR 25mm GATE VALVE as per direction of engineer-incharge with complete required accesseries	1.000	each	871.00	871.00
122	Providing and fixing PPR 20mm GATE VALVE as per direction of engineer-incharge with complete required accesseries	1.000	each	728.00	728.00
123	Providing and fixing PPR 50mm Cupling as per direction of engineer-incharge with complete required accesseries	2.000	each	408.00	816.00
124	Providing and fixing PPR 32 mm Cupling as per direction of engineer-incharge with complete required accesseries	1.000	each	304.00	304.00
125	Providing and fixing PPR 45mm Pul Reducer as per direction of engineer-incharge with complete required accesseries	1.000	each	336.00	336.00
<b>TOTAL</b>					<b>4209648</b>

  
 Squadron Comdr (Engineer)  
 Regional Headquarters  
 National Security Guard  
 Ministry of Home Affairs  
 Govt. Of India