



भारत सरकार  
Govt. of India  
केन्द्रीय लोक निर्माण विभाग  
Central Public Works Department



By E-mail/By Speed Post

कार्या. मुख्य अभियंता सह कार्यकारी निदेशक,  
जीपीओए, त्यागराज मार्ग परियोजना, के.लो.नि.वि.,  
कमरा सं-201, विद्युत भवन, शंकर मार्केट,  
नई दिल्ली-110001

ई-मेल:- delce-tmpz@cpwd.gov.in

O/o Chief Engineer cum Executive Director,  
GPOA, Thyagraj Marg Project, CPWD,  
Room No. 201, Vidyut Bhawan, Shankar  
Market, New Delhi - 110001  
Email : delcetmpz@cpwd.gov.in

सं. 55(3)/मु.अभि. सह कार्य. निदे./त्या.रा. मा.परि.अ/GC-CRPF/2025/ 710-18

दिनांक: 06/08/25

सेवा में,

उप-महानिरीक्षक,

ग्रुप सेंटर, केन्द्रीय रिजर्व पुलिस बल,  
झरौदा कलां, नई दिल्ली-110072।

विषय: Regarding Planning of works for next financial year cycle: MTEF 2026-31 (Tentative cost of Project). At this Group Centre.


संदर्भ: Your Letter No. B.V-1/2025-26 GC DEL BLDG(Major Work) Dated- 06.05.2025

Dear Sir,

Please find enclosed herewith the Tentative Cost/ Preliminary Estimates (PE) for "Construction of 02 RO Plant (Capacity 25000 L/H) at Group Center, CRPF, Jharoda Kalan, New Delhi" amounting to Rs. 6,43,79,666/- (Rs. Six Crore Forty Three Lakhs Seventy Nine Thousand Six Hundred Sixty Six only) including 3% contingencies & 3.94% EPF & ESIC for accord of Administrative Approval & Expenditure Sanction of the Competent Authority for the Group Center, CRPF, Jharoda Kalan, New Delhi. The Tentative Cost/ Preliminary Estimates has been prepared on the basis of PAR 2023 with up-to-date cost index and Market Rate.

The cost projected in this estimate is liable for revision due to probable escalation in the cost of construction apart from other reasons such as changes in the scope, area, design and specifications as may be warranted at a later stage or as directed by the client at the later date.

Enclosure:- Preliminary Estimate 01.

  
मुख्य अभियंता सह कार्यकारी निदेशक  
जीपीओए, त्यागराज मार्ग परियोजना अंचल  
के.लो.नि.वि., विद्युत भवन, नई दिल्ली।

प्रतिलिपि:-

- कार्यपालक अभियंता एवं वरि.प्रबं.(सि.), जीपीओए त्यागराज मार्ग परि. मंडल-1, विद्युत भवन, नई दिल्ली।
- कार्यपालक अभियंता एवं वरि.प्रबं.(वै.), जीपीओए त्यागराज मार्ग परि. वैद्युत मंडल, विद्युत भवन, नई दिल्ली।

मुख्य अभियंता सह कार्यकारी निदेशक

**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORK DEPARTMENT  
O/O CHIEF ENGINEER & ED,  
GPOA, TYAGRAJ MARG PROJECT ZONE,  
NEW DELHI**

STATE: : DELHI  
ESTIMATE NO. :  
DIVISION : TRMPD-1  
BRANCH : B & R  
ZONE : TRPMZ

Name of work:- Construction of 02 RO Plant (Capacity 25000 L/H) at Group Center, CRPF, Jharoda Kalan, New Delhi.

MAJOR HEAD	MINOR HEAD	DETAILED HEAD

**HISTORY**

This Preliminary Estimate framed by Er. Sanjay Singh, AE (Civil), TRMPD-1, CPWD, Er. Mayank Rauthan, AE(E), TRMPED and further processed by Er. Vijay Singh, EE&SM(C), TRMPD-1, CPWD & and Er. Satranjan Kumar, EE&SM(E), TRMPED, CPWD, Vidyut Bhawan, New Delhi of probable Cost of Rs. 6,43,79,666/- (Rs. Six Crore Forty Three Lakhs Seventy Nine Thousand Six Hundred Sixty Six only) including 3% contingencies.

**REPORT**

**HISTORY:-** The Preliminary Estimate amounting to Rs. 6,43,79,666/- has been framed to cover the probable cost of the above mentioned work for getting the necessary Administrative Approval & Expenditure Sanction of the Competent Authority of CRPF. The requisition of work has been received from DIGP, GC, CRPF, Jharoda Kalan, New Delhi vide their letter no. B.V-I/2025-26 GC DEL BLDG (Major Work) Dated-06.05.2025. The cost of the work may vary on the basis of final working drawing issued by Architect and cost of RO plant. The Cost of SITC of 02 RO plant having capacity of 25000 Ltr/Hrs. (each) is based on quotation attached herewith. Accordingly, this estimate has been framed to obtain the necessary A/A & E/S of the Competent Authority of CRPF.

The cost projected in this estimate is liable for revision due to probable escalation in the cost of construction apart from other reasons such as changes in the scope, area, design and specifications as may be warranted at a later stage or as directed by the client at the later date.

**DESIGN & SCOPE:-** The following provision has been made in the estimate.

1. The Estimate is prepared for 02 RO Plant (Capacity-25000 L/H).
2. The buildings have 1 storey (Ground) RCC framed Structure with the total plinth area 120.0 Sqm. (60 sqmx2= 120 sqm)

**Civil Work:-**

- **Foundation:** M-30 grade or as per design mix RCC in Raft, Columns, beams, slab, walls etc. are proposed up to plinth level.



- **Super Structure:** The Super Structure consists of RCC framed Structure consisting of M-30 grade as per design mix Columns, Beams & Slabs etc. with brick masonry.
- **Flooring & Dado:** The flooring shall be provided as per approved by Architect & Client Department.
- **Roofing:** Integrated water proofing is provided over roof and in open area wherever required.
- **Internal Finishes:** Plastering in cement and followed by required painting.
- **External Finishes:** The external finishes shall be provided as per final approved drawing of finishes by Architect & Client Department.

### **Electrical Work: -**

- Internal Electrification;
- Power Wiring and plugs;
- Lightening Conductors;
- 02 RO Plants (Capacity-25000 L/H).

### **Note:-**

1. The cost of the project is liable to revision as per the actual plinth area finally arrived by the architect/ consultant on final architectural plans of each building approved by CRPF. Also, the cost and time of the project is liable to revision due to probable escalation in the cost of construction apart from reason such as change in scope, area, design and specifications etc.
2. CPWD does not bind itself to complete the work within the estimated cost. Necessary revised estimate will be submitted when scope of work is increased/ changed or there is deviation in quantities executed.
3. Any dispute arising out of the operation of the contract(s) for the subject work will be subject to arbitration as provided for in the contract agreement. CPWD will defend the arbitration proceedings as best as it can and get the Arbitrator's award examined by the appropriate authority. The decision of the competent authority in CPWD to accept the award, or to challenge the same in a court of Law will be binding on the client department.
4. The CPWD has no funds of its own for investing in the work. The client department should, therefore, ensure that adequate funds are available with CPWD for executing the work. In case the client department fails to provide funds as per requirements, it may be necessary for CPWD to suspend/ abandon the work. In such eventuality, the client department shall be solely responsible for all the consequences arising out of such stoppage/ damages. If additional funds are required, the same will have to be provided by the client department on the Revised Estimates submitted by CPWD.
5. Funds for making payments of all amount which may be decreed by a court of Law, Tribunal or by award of an Arbitrator in relation to the work mostly having interest bearing, will be made available by the client department promptly irrespective of it not being a party before the court, Tribunal or Arbitrator. Such payments will be in addition to the payments made to the contractors for execution of work.
6. The client department will help CPWD in:-
  - a. Providing site for labour huts for the contractor's labour free of cost,
  - b. Providing free access to contractor's materials and labour to the site of the work,

- c. Providing electricity connection for execution of work on payment of usual charges, and Sanction and release of load from the concerned Electricity Board/Authority.

**Specifications:-** CPWD Specifications 2019 Vol. I to II with upto date corrections for Civil & all the up-to-date Electrical Specification as per CPWD guidelines.

**Rate:** Preliminary estimate is based on Delhi Plinth Area Rate 2023 and market rates.


**Cost:-** Based on above, the project cost worked out to Rs. 6,43,79,666/- including 3% contingencies.

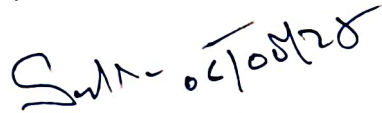
**Method:** Through contract after call of tender.

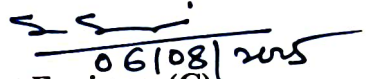
**T&P:** T&P shall be arranged by contractor.


**Land:** Available


**Time:-** 6 Months

  
Assistant Engineer (E)  
GPOA, TRMPED,  
CPWD, New Delhi

  
Executive Engineer & SM (E)  
GPOA, TRMPED,  
CPWD, New Delhi

  
Assistant Engineer (C)  
GPOA, TRMPD-I,  
CPWD, New Delhi

  
Executive Engineer & SM (C)  
GPOA, TRMPD-I,  
CPWD, New Delhi

  
Chief Engineer cum Executive Director  
GPOA, Tyagraj Marg project Zone,  
CPWD, Vidyut Bhawan, New Delhi.



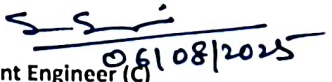
## General Abstract of Cost

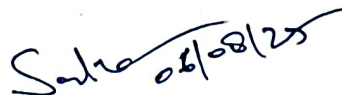
**Name of Work:-** Construction of 02 RO Plant (Capacity 25000 L/H) at Group Center, CRPF, Jharoda Kalan, New Delhi.

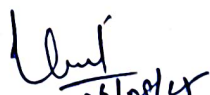
S. No	Description of Items	Building Cost		Total Amount
		Civil (Annexure-A)	Electrical (Annexure-B)	
1	Total Building Cost (A)	8000639.00	47230251.00	5,52,30,890.00
2	Add Contingencies @ 3%			16,56,927.00
3	Total			5,68,87,817.00
4	As per OM DG/SOP/2022/12 dated 20.01.2023 EPF & ESI charges @ (0.25x(12.5+3.25) = 3.94) on marked A			21,76,097.00
5	Total			5,90,63,914.00
6	Add anticipated increase in cost of work @3% per annum as per OM 68/SE(TAS)/Cost Index/2020/456 dated 24.11.2020 and taken for 3 years @ 9.00%			53,15,752.00
7	Total			6,43,79,666.00
8	Say Rs.			6,43,79,666.00

(Rupees Six Crore Forty Three Lakhs Seventy Nine Thousand Six Hundred Sixty Six Only)


  
Assistant Engineer (E)  
O/o EE & SM (E) TRMPED  
CPWD, New Delhi

  
Assistant Engineer (C)  
O/o EE & SM (C) TRMPD-1  
CPWD, New Delhi

  
Executive Engineer & SM (E)  
GPOA, TRMPED,  
CPWD, New Delhi

  
Executive Engineer & SM (C)  
GPOA, TRMPD-1, CPWD,  
New Delhi

  
Assistant Engineer (New Tech)  
O/o Chief Engineer & ED, TRMPZ  
CPWD, New Delhi


  
Chief Engineer cum Executive Director  
GPOA, Thyagraj Marg Project Zone,  
CPWD, Vidyut Bhawan, New Delhi

**Abstract of Cost for Civil Work**

**Name of Work:-** Construction of 02 RO Plant (Capacity 25000 L/H) at Group Center, CRPF, Jharoda Kalan, New Delhi.

S.No.	Description of item	Quantity	Unit	Rate (In Rs.)	Amount	Reference/ Remark DPAR-2023
<b>1</b>	<b>Building Cost (Specification as per Annexure-I)</b>					
<b>1.1</b>	<b>RCC Framed Structure (Upto Six Storeys)</b>					<b>1.0</b>
1.1.1	Floor Height 3.00 Metre	120.00	Sqm	23530.00	28,23,600 (a)	1.1.2
<b>1.2</b>	<b>EXTRA FOR</b>					<b>1.3</b>
1.2.1	Every 0.3 Metre additional height of floor above normal floor height 3.00 Metre ( $1.0/0.3 \times 421 = 1403$ )	120.00	Sqm	1403.00	1,68,360 (b)	1.3.2
<b>2.0</b>	<b>SERVICES</b>					<b>2.0</b>
2.1	Internal Water Supply & Sanitary Installation @9% on (a+b)	2991960	@	9%	2,69,276	2.1
<b>2.1</b>	<b>EXTRA FOR</b>					<b>2.4</b>
2.1.1	Consultancy service for design & planning of project	2991960	@	1.00%	29,920	2.4.5
<b>3.0</b>	<b>WATER TANK</b>					<b>4.0</b>
3.1	Overhead Tank without Independent Staging.	4000	Litre	23.00	92,000	4.1
<b>4.0</b>	<b>UNDERGROUND TANK</b>					
4.1	Under Ground Tank for Domestic	200000	Litre	23.00	46,00,000	4.5
	<b>Total Building Cost Rs.</b>				<b>79,83,156</b>	
	Multiplied Factor @0.973 on DPAR 2023 items as per Office Order no. 62(SE)/TAS/2024/06 Dated-03/01/2025 issued by SE, TAS				77,67,611	
	As per OM DG/Cost Index/11 dated 18.03.2025 @103 over PAR 2023				2,33,028	
	<b>Total Cost of Building Rs.</b>				<b>80,00,639</b>	


  
 Assistant Engineer (E) 06/08/2025  
 O/o Executive Engineer & SM (C)  
 Thyagraj Marg Project Division-1,  
 CPWD, New Delhi

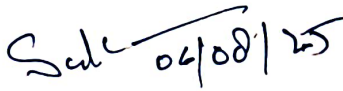
  
 Executive Engineer & Senior Manager (C)  
 Thyagraj Marg Project Division-1,  
 CPWD, New Delhi

**Abstract of Cost for Electrical Works**

Name of Work:- Construction of 02 RO Plant (Capacity 25000 L/H) at Group Center, CRPF, Jharoda Kalan, New Delhi.

S.No.	Item	Total Building Cost	Quantity	Unit	Rate	Amount	Reference/ Remark DPA-2023
1.0	External Service Connections						2.2
1.1	Internal Electric Installation	2991960		@	12.50%	3,73,995	2.3
2.0	EXTRA FOR						2.4
2.1	Power Wiring and plugs	2991960		@	4.00%	1,19,678	2.4.1
2.2	Lightening Conductors	2991960		@	0.25%	7,480	2.4.2
					<b>Total Cost</b>	<b>501153.00</b>	
	<b>Multiplying Factor @0.973 on DPA 2023 items as per Office Order no. 62(SE)/TAS/PAR/2024/06 Dated-03/01/2025 issued by SE, TAS</b>					<b>487622.00</b>	
	<b>As per OM DG/Cost Index/11 dated 18.03.2025 @103 over PAR 2023</b>					<b>14629.00</b>	
3.0	Supply, Installation, Testing and Commissioning of RO Plant of Capacity 25000 Ltrs/hr complete as required. RO Water system comprises of following items: 1. Chlorine Dosing Pump (Dosing Tank 0-10 LPH + Dosing stand 500 Ltrs) 2. Filter Feed Pump with base frame (25 m3/hr @ 2.5 - 3.0 bar) 3. Multigrade filter Model MGF -1000 MSEP 4. Activated Carbon Filter Model ACF-1200 MSEP 5. Antiscalant Dosing pump 0-6 LPH @ 3.5 bar 6. RO System with ORP - 200series 7. Booster Pump 8. SMBS Dosing Pump 9. HCL Dosing pump 10. CIP System 11. Electrical -MCC Stater 12. ICPW		2.00	Job	23364000	4,67,28,000	MR (As per quotation)
					<b>Total Cost of E&amp;M Work</b>	<b>47230251.00</b>	

  
 Assistant Engineer (E)  
 O/o Executive Engineer & SM (E)  
 Thyagraj Marg Project Elec. Division,  
 CPWD, New Delhi

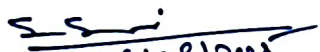
  
 Executive Engineer & Senior Manager (E)  
 Thyagraj Marg Project Elec. Division,  
 CPWD, New Delhi




## PLINTH AREA CALCULATION

**Name of Work:-** Construction of 02 RO Plant (Capacity 25000 L/H) at Group Center, CRPF, Jharoda Kalan, New Delhi.

1	No. of Storeys = Ground			
2	Plinth Area of RO Plant Room		60.00	
3	Total Covered Area for 02 RO Plant Room		120.00	Sqm

  
06/08/2025

Assistant Engineer (C)  
O/o Executive Engineer & SM (C)  
Thyagraj Marg Project Division-1,  
CPWD, New Delhi

  
06/08/25

Executive Engineer & Senior Manager (C)  
Thyagraj Marg Project Division-1,  
CPWD, New Delhi

CLIENT	CPWD - NEW DELHI		TDS		7996
DATE	29.07.2025		Hardness		3488
PROPOSAL NO.	P-69/IEI/25M3HR_RO/CPWD/DELHI/21072025/RO				
PRODUCT	RO -25000 LPH				
Project	CRPF Jharoda Kalan				

BILL OF MATERIALS						
S.NO	DESCRIPTION	TECHNICAL DETAILS	MOC	MAKE	QTY	REMARKS
1	RAW WATER STORAGE TANK - BY CLIENT	40 m3			1	Client scope
2	Chlorine Dosing Pump	0-10 LPH	PP	IEI	1	
	Dosing Tank	500 Ltrs	HDPE	Kaveri	1	
	Dosing stand		MS		1	
3	Filter Feed Pump with base frame	25 m3/hr @ 2.5 - 3.0 bar	SS 304	Grundfos	2	
	Motor	2900 RPM	CI	Grundfos	2	Included
	Suction Valve	100NB ; Butterfly valve	CI/SS	GM	2	
	Discharge Valve	80NB ; Butterfly valve	CI/SS	GM	2	
	NRV	80NB ; Wafer check valve	SS 304	GM	2	
	Pressure Gauge			IEI Std	2	
4	Multigrade Filter	1000mm x 1875mm	MSEP	IEI Std	1	
	Model	MGF - 1000				
	Frontal	80 mm				

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5	Activated carbon filter	1200mm x 1875mm	MSEP	IEI Std	1	
	Model	ACF - 1200				
	Frontal	80 mm				
6	RO System with ORP - 200series	70 % Recovery				
	Ro feed flow	36 m3/hr.				
	Skid	30 Membrane system	MS	IEI Std	1	
	Membrane	HM 8040 SWE 400	PP	Hydramem	30	
	Pressure Vessel	6Element long 450psi	FRP	UKL	5	
	Cartridge Filter	36m3/hr		IEI Std	1	Included
	HPP	36 m3/hr @ 29 bar	SS 316	Grundfos	1	
	Motor	IE3 ;2900 RPM	CI	Grundfos	1	Included
	Suction Valve	150NB ; Butterfly Valve	CI/SS	GM	1	Included
	Discharge Valve	80NB ; Ball Valve	SS 304	casco	1	Included
	NRV	80NB ; Wafer check valve	SS 304	GM	1	Included
	Pressure Gauge			IEI Std	1	Included
	Base Frame			IEI Std	1	Included
	ORP with dump valve			IEI Std	1	Included
	Control panel			IEI Std	1	Included
	Instrument as per IEI Std			IEI Std	1	Included
	Booster Pump	20 m3/hr @ 5 bar	SS 316	Grundfos	1	
	Motor	IE3 ; 2900 RPM	CI	Grundfos	1	Included
	Suction Valve	100NB ; Butterfly valve	CI/SS	GM	1	
	Discharge Valve	80NB ; Ball valve	SS 304	casco	1	
	NRV	80NB ; Wafer check valve	SS 304	GM	1	
	Pressure Gauge			IEI Std	1	

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	Base Frame			IEI Std	1	Included
7	SMBS Dosing Pump	0-4 LPH @ 3.5 bar	PP	IEI	1	
	Dosing Tank	100 Ltrs	LLDPE	Kaveri	1	
8	HCL Dosing pump	0-6 LPH @ 3.5 bar	PP	IEI	1	
	Dosing Tank	200 Ltrs	LLDPE	Kaveri	1	
9	Antiscalent Dosing pump	0-6 LPH @ 3.5 bar	PP	IEI	1	
	Dosing Tank	200 Ltrs	LLDPE	Kaveri	1	
10	CIP System					
	Skid		MS	IEI Std	1	
	CIP Pump	32 m <sup>3</sup> /hr @ 3.5 bar	SS 304	SPX	1	
	Motor	2900RPM ; IEE3	CI	CGL	1	
	Suction Valve	150NB ; Butterfly valve	CI/SS	GM	1	
	Discharge Valve	80NB ; Butterfly valve	CI/SS	GM	1	
	NRV	80NB ; Wafer check valve	SS 304	GM	1	
	Pressure Gauge			IEI Std	2	
	Base Frame			IEI Std	1	Included
	MCF			IEI Std	1	
	CIP Tank	2000 L	HDPE	Sintex	1	
11	ICPW		UPVC	IEI Std	1	
12	Electrical -MCC Stater			IEI	1	
13	REJECT STORAGE TANK - BY CLIENT	10 m3			1	Client scope

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<b>TOTAL Price</b>	<b>1,98,00,000.00</b>
<b>In words : One crore, Ninty Eight Lacs only</b>	

### Terms & Conditions:

1	All Civil, structure, foundation, and associated works client scope
2	All Approval, permission from any department, client scope.
3	Material a storage at site in safe room, client scope
4	STP plant operator & consumable for commissioning period into client scope.
5	Fresh water, electricity at site free of costing during installation, commissioning.
6	GST: 18% extra as per actual basis.
7	Delivery time after completion of civil works & site clearance 12-14 weeks,
8	Payment term : 30 % advance along with PO, 70 % before delivery of material against PI.
9	Freight charges : included (FOR)
10	Any other if required on site which is not mentioned in BOQ, will be chargeable basis
12	Stay arrangement of Labour/Technician on site during installation, client scope
13	water proofing, painting, lighting, drainage system, stairs, foot rest, Air ducting, etc. client scope.
	<u>Order to be placed on our authorised Channel Partner: To be informed later</u>
	<u>For, Ion exchnage (India) Ltd.</u>
	Ankit Verma

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**AQUACHEK**  
THE WATER TESTING FACILITY  
FROM EUREKA FORBES LTD.  
(AN ISO 9001:2015 CERTIFIED LABORATORY)

043000



**TEST REPORT**

Report /ULR No : TC843323000000055F  
Sample Receipt Date : 18.01.2023  
Analysis Date : 18.01.2023 to 19.01.2023  
Date of Report Issue : 19.01.2023  
Customer Ref No / Date : Sample by customer

Sample Code No : AWQRC/01/23/055  
Sample Description : Water  
Quantity : 1.0 litre  
Sample Condition : Satisfactory & Sealed  
Sample Type : Water Sample (Raw Water)  
Sample Detail : \*Marked As Tube Well Water

**ISSUED TO:-**  
DIGP (GROUP CENTRE)  
CRPF, JHARODA KALAN,  
NEW DELHI-110072

**TEST RESULTS**

PARAMETER TESTED			IS: 10500-2012 Drinking Water Specification (Second Revision)		
Sl No	PHYSICO-CHEMICAL	UNITS	RESULT	REQUIREMENT (Acceptable Limit)	TEST METHOD
1.	Turbidity	NTU	27.2	1(Max.5)	IS:3025 (Part 10)-1984
2.	pH value	-	7.12	6.5-8.5	IS:3025 (Part 11)-1983
3.	Total Dissolved Solids	mg/l	7996	500(Max.2000)	IS:3025 (Part 16)-1984
4.	Total Hardness as CaCO <sub>3</sub>	mg/l	3488	200(Max.600)	IS:3025 (Part 21)-2009
5.	Calcium as Ca <sup>++</sup>	mg/l	793.6	75(Max.200)	IS:3025 (Part 40)-1991
6.	Magnesium as Mg <sup>++</sup>	mg/l	365.4	30(Max.100)	IS:3025 (Part 46)-1994
7.	Total Alkalinity as CaCO <sub>3</sub>	mg/l	432	200(Max.600)	IS:3025 (Part 23)-1986
8.	Chloride as Cl <sup>-</sup>	mg/l	3678.85	250(Max.1000)	IS:3025 (Part 32)-1988
9.	Free Residual Chlorine	mg/l	BDL(DL=0.2)	0.2	IS:3025 (Part 26)-1986
10.	Sulphate as SO <sub>4</sub> <sup>-</sup>	mg/l	425	200(Max.400)	IS:3025 (Part 24)-1986

BDL= Below Detection Limit. DL=Detection Limit.

**Remarks:-**


- 1) The Above water sample does not conform to IS: 10500-2012 Drinking Water Specification (Second Revision) with respect to the tests conducted. (SL.Nos.1,3,4,5,6,8 & 10)
- 2) The results relate to item tested.

**Lab Address :**

C-348, 3<sup>rd</sup> Floor, Ramphal Chowk  
Sector 7, Dwarka, New Delhi  
Mob No: 9868911295, 01141608075  
Email ID: delhilab@eurekaforbes.com

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**AQUACHEK**  
THE WATER TESTING FACILITY  
FROM EUREKA FORBES LTD.  
(AN ISO 9001:2015 CERTIFIED LABORATORY)

**TEST REPORT**

Sample Code No : AWQRC/01/23/055  
Sample Receipt Date : 18.01.2023  
Analysis Date : 18.01.2023 to 19.01.2023  
Date of Report Issue : 19.01.2023  
Customer Ref No / Date: Sample by customer

Sample Description : Water  
Quantity : 1.0 litre  
Sample Condition : Satisfactory & Sealed  
Sample Type : Water Sample (Raw Water)  
Sample Detail : \*Marked As Tube Well Water

ISSUED TO:-  
DIGP (GROUP CENTRE)  
CRPF, JHARODA KALAN,  
NEW DELHI-110072

**TEST RESULTS**

PARAMETER TESTED			IS: 10500-2012 Drinking Water Specification (Second Revision)		
Sl No	PHYSICO-CHEMICAL	UNITS	RESULT	REQUIREMENT (Acceptable Limit)	TEST METHOD
1.	Odour	-	Agreeable	Agreeable	IS:3025 (Part 05)-2018
2.	Taste	-	Saline	Agreeable	IS:3025 (Part 08)-1984
3.	Colour	Hazen Unit	Colourless	5	IS:3025 (Part 04)-2021
4.	Fluoride as F <sup>-</sup>	mg/l	1.28	1.0(Max.1.5)	IS:3025 (Part 60)-2008
5.	Total Iron as Fe <sup>+</sup>	mg/l	0.38	1.0	IS:3025 (Part 53)-2003
6.	Nitrate as NO <sub>3</sub> <sup>-</sup>	mg/l	86.6	45(No Relaxation)	IS:3025 (Part 34)-1988

**Remarks:-**

- 1) The Above water sample does not conform to IS: 10500-2012 Drinking Water Specification (Second Revision) with respect to the tests conducted. (SL.Nos-2 &6)
- 2) The results relate to item tested.

**Lab Address :-**

C-348, 3<sup>rd</sup> Floor, Ramphal Chowk  
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OFFICE OF THE DIG, GC, CRPF, JHARODA KALAN NEW DELHI-110072  
No. B.V-1/2025-26 GC DEL BLDG(Major Work) Dated, the 6/05/2025

To, Central Public Works Department O/O  
Executive Engineer & SM (C) GPOA,  
Tyagraj Marg Project Divn-1 Room No. 205,  
Vidyut Bhawan, Shanker Market, New Delhi- 110001

Sub: Regarding Planning of works for next financial year cycle:MTEF 2026-31  
(Tentative cost of Project). At This Grope Center,

On the subject matter, it is submitted that please provide Tentative cost for residential & Non-residential buildings. Details given below:-

SI No.	Nomenclature	Proposed for MTEF 2026-31 (No)
01	Type-II-	392 Nos
02	Adm Block	01 Nos
03	Store Building	01 Nos
04	480 Men Barrack	01 Nos
05	MT Park	01 Nos
06	Bin Type Magazine	01 Nos
07	Quarter Guard	01 Nos
08	FWC	02 Nos
09	02 RO Plant (Capacity 25000 L/H)	01 Nos
10	SO's and Dormitory	01 Nos
11	Stadium and replacement of existing old 400 Meter 08 lane Synthetic Track at GC New Delhi.	01 Nos
12	Adm Block. 1 <sup>st</sup> Signal Bn	01 Nos
13	180 Men Barrack	01 Nos

02. Therefore, it is requested to provide Tentative cost of residential & Non-residential buildings to this office immediately so that the same could be forwarded to higher offices. Immediately for further course of action.

(Vinay Kumar Singh)  
DIGP, GC, CRPF, New Delhi.

No. B.V-1/2025-26 GC DEL BLDG(Major Work)

Dated, the 05/2025

Copy to following- Through Selo

- 1) The Spl. DG, J&K Zone, CRPF Bantala, Jammu (J&K) for information please.
- 2) The IGP, Northern Sector, CRPF, J&K, Puram New Delhi for information please

चारी किया/ISSUL.

नंबर 13/5

नमन लिप्ति. गुण केंद्र  
नमन लिप्ति. गुण केंद्र

(Vinay Kumar Singh)  
DIGP, GC, CRPF, New Delhi.