

I/190720/2024

भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन नदी विकास एवं गंगा संरक्षण विभाग
केन्द्रीय जल आयोग
उपरी वैनगंगा उपमण्डल, नागपुर



Government of India
Ministry of Jal Shakti
Dept. of Water Resources, RD&GR
Central Water Commission
Upper Wainganga Sub-Division, Nagpur

कोटेशन आमंत्रण सूचना /NOTICE INVITING QUOTATION

भारत के राष्ट्रपति की ओर से उपमंडलीय अभियंता उपरी वैनगंगा उपमंडल, नागपुर द्वारा निम्नलिखित वर्णित तथा नियम और शर्तों के अनुसार **उपरी वैनगंगा उपमंडल, केन्द्रीय जल आयोग, नागपुर के अंतर्गत "कार्यस्थल मगरदर्दर मे Chain- Link fencing के निर्माणकार्य हेतु अनुलग्नक-I,II में दिए गए विवरण के अनुसार"** पंजीकृत फर्मों / पार्टियों से मुहरबंद कोटेशन आमंत्रित किए जाते हैं। जो की दिनांक **16.12.2024** के **11.00** बजे तक इस कार्यालय में जमा किये जा सकते हैं। प्राप्त मुहरबंद कोटेशन को अधोहस्ताक्षरी द्वारा उसी दिन दिनांक **16.12.2024** को **11.30 बजे** खोले जायेंगे।

Sealed quotations are hereby invited by Sub-Divisional Engineer, Upper Wainganga Sub Division, Nagpur on behalf of President of India from registered firms/ Agencies for work "**Construction of Chain-Link Fencing at H.O. site Magardharra under UWSD, CWC, Nagpur, details as per given in Annexure-I,II**" terms and conditions described below which can be submitted in his office till **11.00 Hrs** on dated **16.12.2024**. The sealed quotation will be opened by the undersign on the same day i.e **16.12.2024** at **11.30 Hrs**.

नियम और शर्तें /Terms and conditions:

- कोटेशन की दरें, खुलने की तारीख से 30 दिनों के लिए मान्य होंगी। /Quotation rates will be valid for 30 days from date of opening of the quotation.
- ऊपरी वैनगंगा उपमंडल, केन्द्रीय जल आयोग, नागपुर के अंतर्गत **कार्यस्थल मगरदर्दर मे Chain- Link fencing के निर्माणकार्य**, कार्य आदेश से 60 दिनों के भीतर किया जाना चाहिए। / **Construction of Chain-Link Fencing at H.O. site Magardharra under UWSD, CWC, Nagpur** should be completed within 60 days of issue of work order.
- दरों में सभी करों और लेवी को शामिल किया जाना चाहिए। / Rates should inclusive all taxes and levies.
- इस कार्य के लिए वारंटी अवधि 6 महीने है, और उद्धृत राशि का 5%, छः महीने की वारंटी अवधि के लिए सुरक्षा निधि के रूप में अंतिम बिल से काट लिया जायेगा / Warranty period for this work is 6 months and 5% of quoted amount will be deducted from the final bill as performance guaranty for six months warranty period.
- ऊपरी वैनगंगा उपमंडल, केन्द्रीय जल आयोग, नागपुर के अंतर्गत **कार्यस्थल मगरदर्दर मे Chain- Link fencing के निर्माणकार्य** को विनिर्देशों के अनुसार पूर्ण किया जाए। **Construction of Chain-Link Fencing at H.O. site Magardharra under UWSD, CWC, Nagpur**, shall be completed as per the given specifications.
- उपरोक्त कार्य संतोषजनक होने के पश्चात् भुगतान हेतु तीन प्रति में पूर्व-प्राप्त बिल (Pre receipted bill) को प्रस्तुत करना होगा। जिसका भुगतान सार्वजनिक वित्तीय प्रबंधन प्रणाली के माध्यम से किया जाएगा। / After a satisfactory completion of above work the invoice will have submitted in triplicate (Pre receipted bill) for payment. Payment will be done through the Public Financial Management System (PFMS).
- बोलीदाताओं को कोटेशन के साथ जीएसटी और कंपनी पंजीकरण प्रमाण पत्र जमा करना होगा /The bidders shall submit GST & company registration certificate along with the quotation.



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8. बोलीदाताओं को इस दस्तावेज़ में उल्लिखित सभी नियमों और शर्तों को ध्यान में रखते हुए दरों का उद्धरण करना चाहिए। / The Bidder shall quote considering all the rules and terms given in this document.
9. NIQ को एक मोहरबंद बड़े लिफाफे में जमा किया जाना चाहिए। / NIQ shall be deposited in sealed condition in large envelope.
10. ठेकेदार/फ़र्म किसी भी कार्य दिवस पर कार्यलय समय के दौरान दरों को उद्धृत करने से पहले कार्यस्थल पर जा सकते हैं। / It is advised that Contractor/Firm to visit work site before submitting quotation (on any working day) during the office hours.
11. **अनुलग्नक-I,II** में दी गई वस्तुओं की मात्रा, बिना किसी कारण बताए कार्य-आदेश के समय बढ़ाई या घटाई जा सकती है। / The bill of quantity given in **Annexure- I,II** may be increased or decreased at the time of work Order without assigning any reason thereof.

सीलबंद कोटेशन जिस पर विधिवत लिखा हो “उपरी वैनगंगा उपमंडल, केन्द्रीय जल आयोग, नागपुर के अंतर्गत कार्यस्थल मगरदर्रा में Chain- Link fencing के निर्माणकार्य हेतु कोटेशन” दिनांक: 16.12.2024 को 11:00 बजे तक अधोहस्ताक्षरी द्वारा प्राप्त किया जाएगा एवं 16.12.2024 को 11.30 बजे, इच्छुक पार्टियों की उपस्थिति में खोला जाएगा। निर्धारित समय के बाद प्राप्त कोटेशन को स्वीकार नहीं किया जाएगा।

Sealed quotation duly superscribed “Quotation for Construction of Chain-Link Fencing at H.O. site Magardharra under UWSD, CWC, Nagpur” will be received by the undersigned till 11.00 Hrs on 16.12.2024 and will be opened on 16.12.2024 at 11.30 Hrs in the presence of interested parties. Quotations received after scheduled time will not be accepted.

उपमंडलीय अभियंता, कोई भी कारण बताए बिना किसी भी या सभी उद्धरणों को अस्वीकार करने का अधिकार सुरक्षित रखता है। /The Undersigned reserves the right to reject any or all the quotations without assigning any reasons thereof.

(सौरभ चौधरी)
(Sourabh Choudhari)
उपमंडलीय अभियंता
Sub-divisional Engineer
ऊपरी वैनगंगा उपमंडल
Upper Wainganga Sub Division
केन्द्रीय जल आयोग, नागपुर।
Central Water Commission, Nagpur



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जानकारी और प्रचार के लिए कॉपी :

Copy for Information and publicity :

1. अधिशासी अभियंता, वैनगंगा डिवीजन, सीडब्ल्यूसी, द्वितीय तल, ब्लॉक 'सी', नागपुर /
Executive Engineer, Wainganga Division, CWC, 2nd Floor, Block -C, Nagpur.
2. कनिष्ठ अभियंता, वैनगंगा मंडल, सीडब्ल्यूसी, नागपुर। सीडब्ल्यूसी निविदा पोर्टल पर अपलोड करने हेतु।
Junior Engineer, Wainganga Division, CWC, Nagpur, For uploading on CWC tender portal .
3. ऑफिस नोटिस बोर्ड./ Office notice board.
4. विभिन्न पुराने एच.ओ. कार्यस्थलों के ऑफिस नोटिस बोर्ड पर चिपकाएँ। Display on office notice board at
Various old sites.



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Annexure-I**Bill of Quantity for "Chain-Link Fencing at H.O. site Magardharra under UWSD, CWC, Nagpur"****Division : Wainganga Division, C.W.C., Nagpur****Sub- division: UWSD, CWC, Nagpur**

ITEM NO.	SUB HEAD & ITEM OF WORK	Quantity or No.	Unit	Rate in Rs.		Amount in Rs.
				in Fig.	in Words	
1	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.: All kinds of soil.	3.184	Cum			
2	Supplying and filling in foundation with sand including watering, ramming consolidating and dressing complete.	0.169	Cum			
3	Providing and laying in position cement concrete of specified gradeexcluding the cost of centering and shuttering All work up to plinth level1:4:8 (1 Cement: 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	0.581	Cum			
4	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	0.295	Cum			
5	Centering and shuttering including strutting, propping etc. and removal of form for :Foundations, footings, bases of columns, etc. for mass concrete	2.060	Sqm			
6	Centering and shuttering including strutting, propping etc.andremoval of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.	3.100	Sqm			

तीसरी मंजिल, ब्लॉक-सी, सीजीओ कॉम्प्लेक्स,
सेमिनरी हिल्स, नागपुर-440006 फोन:0712-2510746
ई-मेल: sdeuwsd-cwc@gov.in



3rd Floor, Block-C, CGO Complex,
Seminary Hills, Nagpur – 440006 Phone:0712-2510746
E-mail: sdeuwsd-cwc@gov.in

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7	R.C.C. works in walls (any thickness) including attached pilasters, Butteresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and stuts etc. up to floor 5 level excluding cost of centering ,shuttering, finishing and reinforcement: 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III)derived from natural sources: 3 graded stone aggregate 20 mm nominal sizederived from natural sources)	0.194	Cum			
8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone III) derived from natural sources : 4 graded stone aggregate 20 mm nominal sizederived from natural sources)	1.872	Cum			
9	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete upto plinth level & above plinth level	41.620	kg			
10	12 mm cement plaster of mix 1:4 (1 cement: 4 Coarse sand)	3.725	Sqm			
11	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90litre/10 sqm).	3.725	Sqm			
12	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	467.400	kg			
13	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	62.776	kg			
14	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete(Copper oxidised as per IS 1378) : 100 mm	4.000	Nos.			



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15	Providing and fixing ISI marked oxidised M.S. door latches conforming to IS:5930 with screws etc. Complete (Copper oxidised as per IS 1378) :300x20x6 mm	2.000	Nos.			
16	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete : 100X58X1.90 mm.	6.000	Nos.			
17	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. Made of G.I. wire of dia 4 mm	141.050	Sqm			
Total Amount in Rs.						

(Rupees.....only)

Signature:

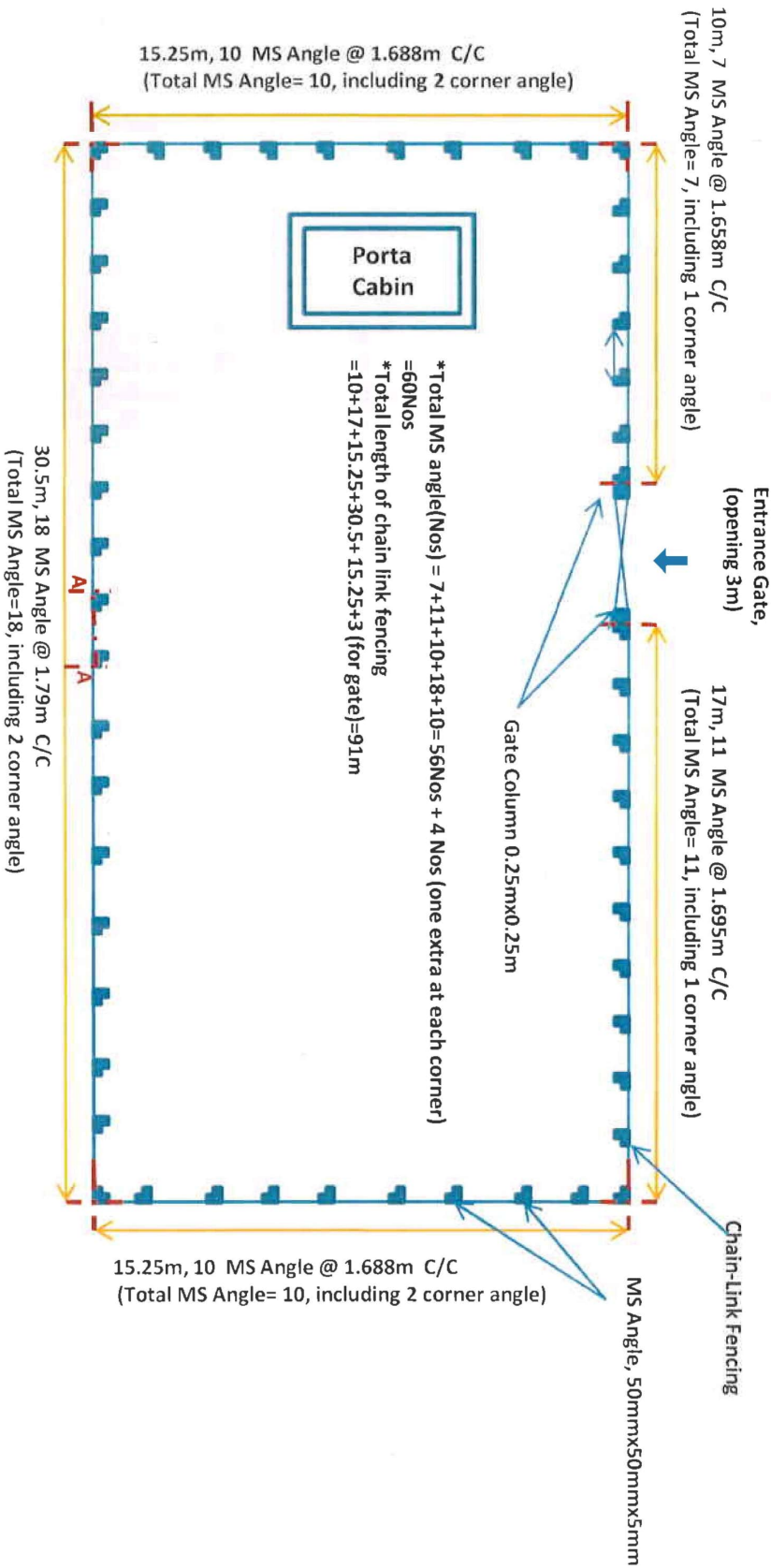
Name:

Address:



I/190720/2024

Drawing of Chain-Link Fencing at site Magardharra



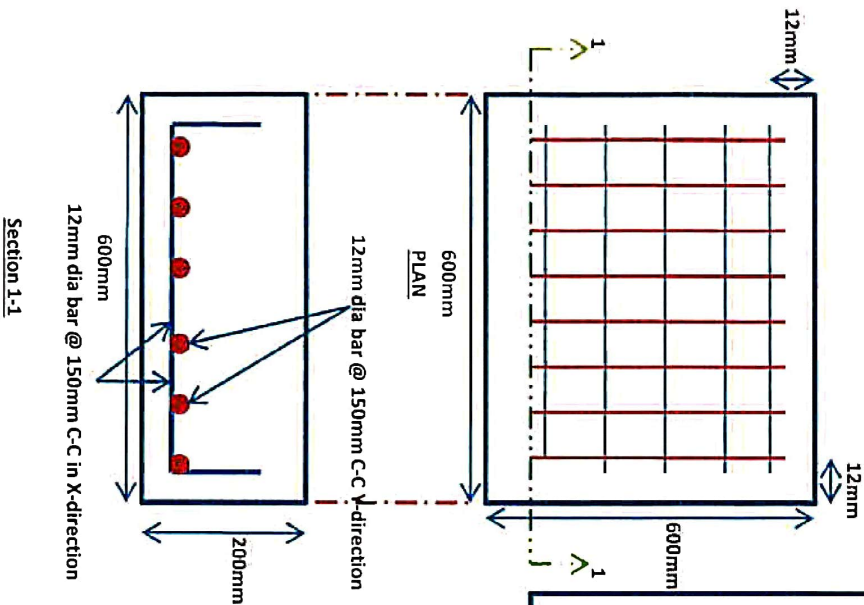
*Note- at every corner three MS angle will be installed for strengthening purpose
* Not to scale

PLAN

Government of India	
Central Water Commission, Nagpur	
Checked by	Prepared by
Sourabh Choudhari SDE, UWSD	Akshay Panchwan JE(HQ), UWSD

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Details of Footing of Column



Drawing of Chain-Link Fencing at site Magardharra

In X-direction :

$$\begin{aligned} \text{Length of bar} &= \text{length of footing} - (2 \times \text{clear cover}) + 2(\text{depth footing} - 2 \times \text{clear cover}) - \text{bend} \\ &= (600 - 2 \times 12) + 2(200 - 2 \times 12) - 2(2d) \quad 2d \text{ for } 90^\circ \text{ bend} \\ &= 576 + 2 \times 176 - 2(2 \times 12) \\ &= 880 \text{ mm} = 0.88 \text{ m} \end{aligned}$$

No. of bar $= (576 / 150) + 1 = 4 + 1 = 5$ nos

spacing 150mm C-C

Length of steel required for single footing in X-direction $= 0.88 \times 5$ nos bar $= 4.4$ m

Length of steel required for 2 nos footing in X-direction $= 2 \times 4.4 = 8.8$ m

In Y-direction :

$$\begin{aligned} \text{Length of bar} &= \text{length of footing} - (2 \times \text{clear cover}) + 2(\text{depth footing} - 2 \times \text{clear cover}) - \text{bend} \\ &= (600 - 2 \times 12) + 2(200 - 2 \times 12) - 2(2d) \quad 2d \text{ for } 90^\circ \text{ bend} \\ &= 576 + 2 \times 176 - 2(2 \times 12) \\ &= 880 \text{ mm} = 0.88 \text{ m} \end{aligned}$$

No. of bar $= (576 / 150) + 1 = 4 + 1 = 5$ nos

spacing 150mm C-C

Length of steel required for single footing in Y-direction $= 0.88 \times 5$ nos bar $= 4.3$ m

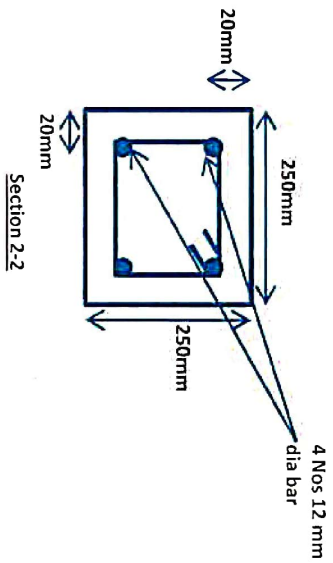
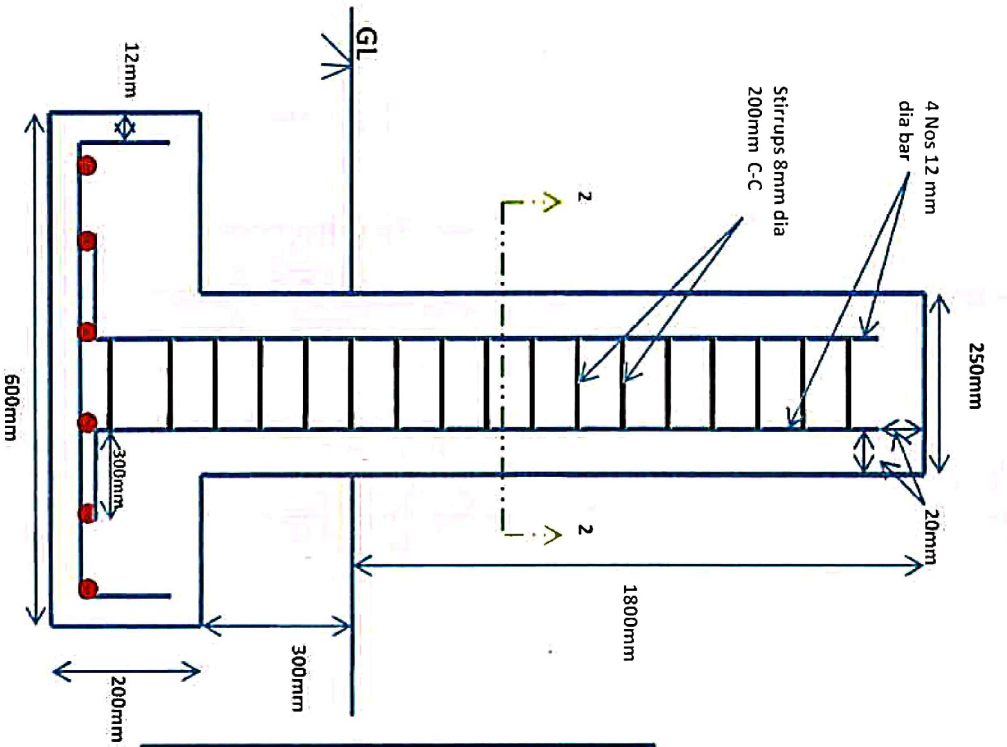
Length of steel required for 2 nos footing in Y-direction $= 2 \times 4.3 = 8.6$ m

Total steel required for footing(X & Y direction) $= 8.8 + 8.6 = 17.4$ m

Total weight of steel required for footing $= 17.4 \times 0.88 = 15.31 \text{ kg}$

* Not to scale

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Drawing of Chain-Link Fencing at site MagardharraDetails of ColumnFor Column :

Length of single bar = $(1800-20)+300+300+(200-12-\text{dia of steel in X-Y direction})-\text{Bend}(2d)$
 $= 1780+300+300+(200-12-12)-1 \times 2 \times 12$ 2d for 90° bend
 $= 2520\text{mm} = 2.52\text{ m}$

For single column steel req. = $4 \times 2.52 = 10.08\text{m}$

For 2 column steel req. = $10.08 \times 2 = 20.16\text{m}$

Weight of steel = $20.16 \times 0.88 = 17.74\text{ kg}$

Stirrups in column (8mm dia bar @ 200 mm c-c)

Length of single stirrups required = $4(250-2 \times 20) + \text{hook-bend}$

$= 840 + 2 \times \text{hook} - (3 \times 90^\circ \text{ bend} + 2 \times 135^\circ \text{ bend})$ for hook = 10d

$= 840 + 2 \times 10 \times 8 - 3 \times 2 \times 8 - 2 \times 3 \times 8$

$= 904\text{mm} = 0.904\text{m}$

No. of stirrups = $(2244/200) + 1 = 11.22 = 12\text{ nos}$ (L = $(1800-20)+300+(200-12-12) = 2244\text{mm}$)

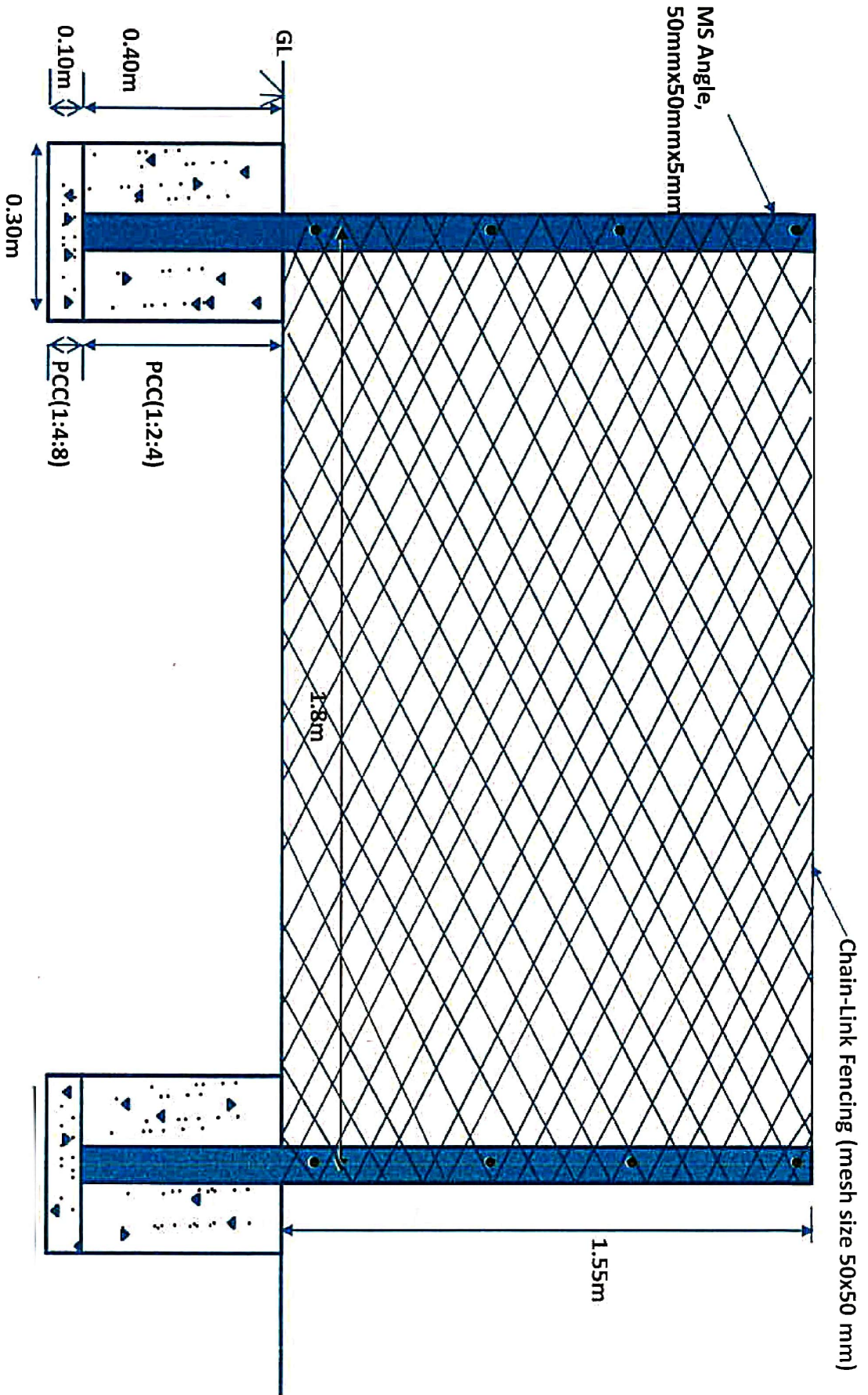
Total length of stirrups in 2 column = $(12 \times 0.904) \times 2 = 21.7\text{m}$

Weight of steel = $21.7 \times 0.395 = 8.57\text{ kg}$

Total weight of steel required for Column = $17.74 + 8.57 = 26.31\text{ kg}$

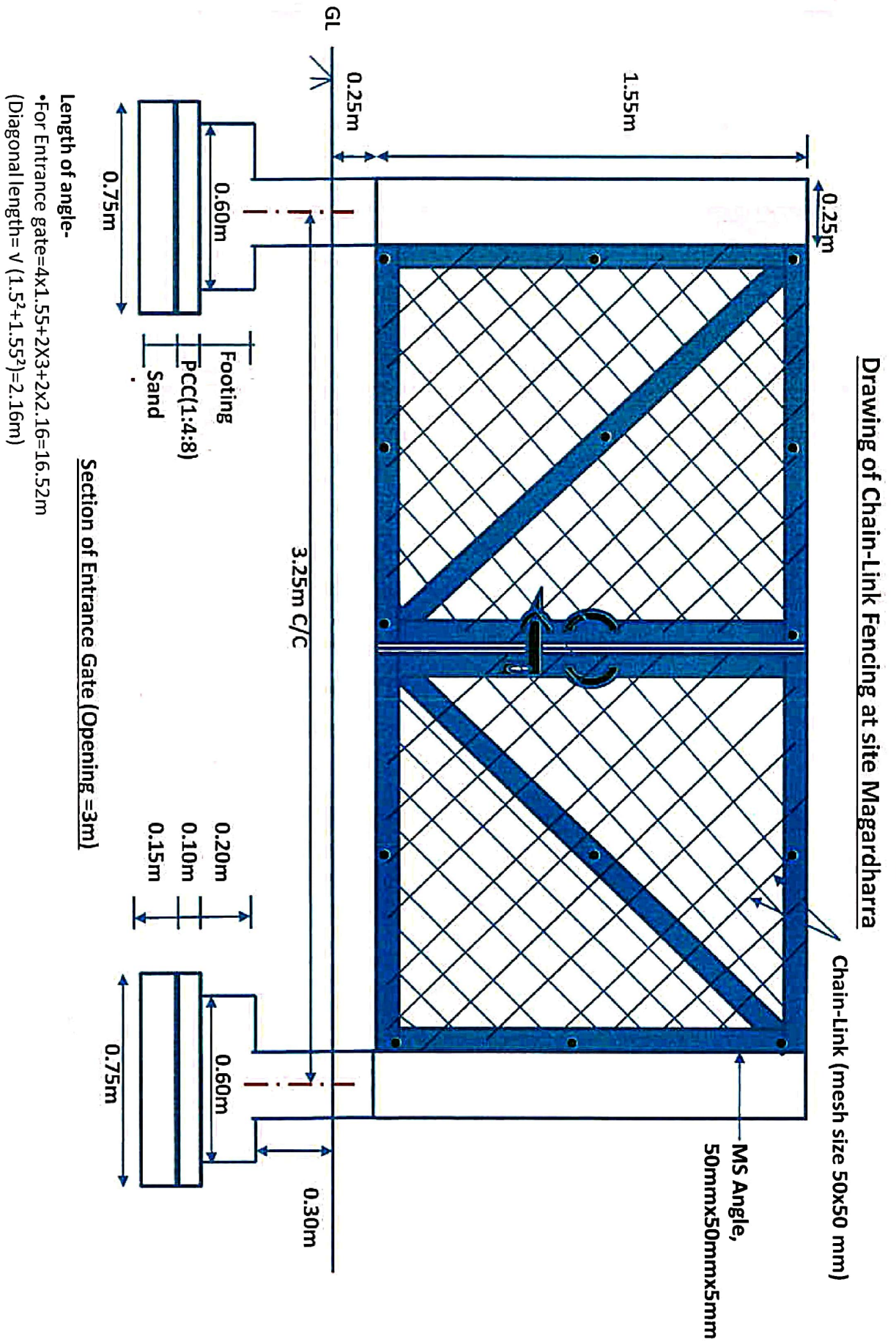
* Not to scale

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Drawing of Chain-Link Fencing at site Magardharra

* Not to scale

Section at A-A



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Annexure-IIIUndertaking for Preference to Make in India(On firm Letter head)

To,
The Executive Engineer,
Wainganga Division,
MCO, CWC, Nagpur.

Tender Reference No.:

Name of Tender: Quotation for Construction of Chain-Link Fencing at H.O. site Magardharra under UWSD, CWC, Nagpur.

I/We, the Bidder(s) have read and understood the contents of the office memorandum & the order circulated by the Department of Promotion of industry and internal trade (DPIIT), Ministry of commerce & industry Government of India vide order no P-5021/2/2017-PP(BE-II) Dated 16/09/2020 and we hereby certify to comply with above provision.

(Signature of bidder with office seal)

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Annexure-IVUndertaking for Rule 144 (xi) in the General Financial Rules (GFRs), 2017(On firm Letter head)

To,
The Executive Engineer,
Wainganga Division,
MCO, CWC, Nagpur.

Tender Reference No.:

Name of Tender: Quotation for Construction of Chain-Link Fencing at H.O. site Magardharra under UWSD, CWC, Nagpur

I/We, the Bidder(s) is/are not from such a country which shares a land border with India, in terms of the said amendments to GFR, 2017. In case the services are provided from the agency of those country which shares a land border with India, the evidence for valid registration with the competent authority shall be provided, failing which Department reserves the right to take legal action on us.

(Signature of bidder with office seal)