

सं. No. RR Site /Head(C&MM-WG)/PT-A 2666/2025/M/79

दिनांक Date: 12/09/2025

कार्यदेश WORK ORDER

प्रति To,
मेसर्स मधुसूदन इंजीनियरिंग कंपनी
M/s Madhusudan Engineering Co.
81 धाकड़ मोहल्ला बड़गाँव, कोटा
81 Dhaker Moilalla Badgaon, Kota
राजस्थान- 324008
Rajasthan-324008
मोबाइल नं. Mobile-91-8696712744
Email:- deepaktak810@gmail.com

W.O. No.	64724
SL CODE	WOS64724
A/C CODE	14224
USI NO.	90000
CHARGE CODE	9802
CC CODE	644
MSME Registration	Yes
PAN NO.	AABFM8376L
NAME	Madhusudan Engineering Co.
GSTIN	08AABFM8376L1ZP
GST Rate	18%
Bank Account No.	37369860191
Bank & Branch	State Bank of India, Kota
IFSC Code	SBIN0001534

कृपया ध्यान दें Kind Attention **Mr. Ram Dayal Malav**

विषय Subject	:	“कै.औ.सु.ब. कॉलोनी सेंटाब, आर आर साइट में 9 बैरक्स (126 जवानों के लिए) का निर्माण तथा G+2 स्ट्रक्चर वाले 204 टाइप-I (A) क्वार्टर्स(17 ब्लॉक), जिसमें संबद्ध बाह्य इन्फ्रास्ट्रक्चर कार्य भी शामिल है, को अपग्रेड करने का कार्य ” के लिए कार्य आदेश। Work Order for the work of “Construction of 9 barracks (for 126 nos. Jawans) & upgradation of 204 Nos. (17 Block) Type-I (A) Quarters in G+2 structures including development of associated external infrastructure works at CISF colony Sentab, RR Site”.
संदर्भ Reference	:	1. निविदा सं. Tender No. :- NPC/RRS/90/2023/PT-A 2666
	:	2. आपका ई-निविदा प्रस्ताव सं. : 730748 दिनांक 12/08/2024 Your e-Tender Offer no. : 730748 Dtd. 12/08/2024
	:	3. Our email dtd. 29/11/2024 regarding extension of bid validity
	:	4. Your letter dtd. 29/11/2024 through email dtd. 30/11/2024 regarding extension of bid validity.
	:	5. Our Letter No. NPCIL/RRS/C&MM-WG/2025/M/17 dtd. 25/01/2025 through email dtd. 25/01/2025 regarding submission of notarized photocopies of documents and undertaking for payment modalities and scope of work.
	:	6. Your letter dtd. 31/01/2025 regarding submission of notarized photocopies of documents and undertaking for payment modalities and scope of work.
	:	7. Our Letter No. RR Site/ENC-II (C&MM-WG)/PT-A 2666/2025/M/21 dtd. 03/02/2025 through email 03/02/2025 regarding Techno-Commercial Negotiation.
	:	8. Minutes of Techno-Commercial Negotiation Meeting dtd. 04/02/2025

	: 9.	Our email dtd. 24/02/2025 regarding extension of bid validity
	: 10.	Your letter dtd. 25/02/2025 through email dtd. 25/02/2025 regarding extension of bid validity.
	: 11.	Our email dtd. 25/04/2025 regarding extension of bid validity
	: 12.	Your letter dtd. 26/04/2025 through email dtd. 25/04/2025 regarding extension of bid validity.
	: 13.	Our email dtd. 24/06/2025 regarding extension of bid validity
	: 14.	Your letter dtd. 28/06/2025 through email dtd. 29/06/2025 regarding extension of bid validity.
	: 15.	Our email dtd. 18/07/2025 regarding extension of bid validity
	: 16.	Your letter dtd. 18/07/2025 through email dtd. 18/07/2025 regarding extension of bid validity.
	: 17.	Our email dtd. 11/07/2025 regarding confirmation / acceptance for rate of interest to be charged on mobilization advance.
	: 18.	Your letter dtd. 18/07/2025 through email dtd. 18/07/2025 regarding confirmation / acceptance for rate of interest to be charged on mobilization advance.

प्रिय महोदय Dear Sir,

- 1.0** आपको सूचित किया जाता है कि (अनुलग्नक-1) उपरोक्त संदर्भनुसार आपके द्वारा उत्तरवर्ती पत्रों के साथ प्रस्तुत की गई बोली को एनपीसीआईएल के लिए एवं की ओर से मात्राओं एवं दरों की अनुसूची में दर्शाई गई मदों की दरें तथा कुल सभी करों सहित 13,18,83,626/- (रु तेरह करोड़ अठ्ठारह लाख तिरासी हजार छः सौ छब्बीस मात्र) के मूल्य के लिए निविदा में सम्मिलित दरों को स्वीकार कर लिया गया है।

This is to inform you that the bid submitted by you along with subsequent letters as referred above has been accepted for and on behalf of NPCIL for the item rates as shown in the Schedule of Quantities and Rates (Annexure-1) covered by the tender for a total value of ₹ 13,18,83,626/- (Rupees Thirteen Crore Eighteen Lakh Eighty Three Thousand Six Hundred Twenty Six Only) inclusive of all taxes

- 1.1 संविदा के प्रचलन के दौरान वस्तु एवं सेवा कर की दर में कोई भी परिवर्तन होने पर दस्तावेजी साक्ष्य प्रस्तुत करने पर निगम द्वारा उसकी प्रतिपूर्ति/वसूली प्रयोज्य नियमों के अनुसार की जाएगी। Any variation in the rate of Goods & Service Tax during the currency of the contract shall be reimbursed/ recovered by the Corporation as per applicability on submission of documentary evidence.

2.0 मात्रा एवं दरें Quantities & Rates (AHR):

नीचे दर्शाए अनुसार SOQR की मदें अपसामान्य रूप से ऊंची हैं तथा इनका भुगतान नीचे सारणी में दी गई दरों के अनुसार किया जाएगा:

The items of SOQR as detailed below are abnormally high rated & will be paid at the rates as mentioned in the table given below.

क्र. सं. Sr. No.	एचआर मद सं. AHR item No.	कार्य आदेश मात्रा से अधिक दरें Rates beyond W.O. Qty. (₹)
1.	37	535.72
2.	117	1384.14

3.0 पूर्णता अवधि Completion Period:

- 3.1 यह कार्य सभी अर्थों में कार्य आरंभ होने की तारीख से 20 (बीस) कैलेंडर माह के भीतर पूर्ण कर लिया जाएगा। कार्य आरंभ होने की तारीख की गणना कार्य आदेश जारी होने की तारीख से 14वें दिन से की जाएगी...

The work shall be completed in all respect within **20 (Twenty) Calendar Month** from the date of commencement. The date of commencement will be reckoned from 14th day from the issue of this work order...

- 3.2 वास्तविक कार्य प्रारम्भ होने की तारीख से ईएसआई/बीमा पॉलिसी ली जानी है। कार्य प्रारम्भ किए जाने की वास्तविक तारीख एवं विधिमान्य बीमा योजना के प्रभावी होने की तारीख के बीच के समय को बीमा योजना की अननुपलना माना जाएगा तथा तदनुसार कार्रवाई की जाएगी।

ESI / Insurance policy is to be obtained from the date of actual commencement of work. The period between the date of actual commencement of work and effective date of valid insurance policy shall be treated as noncompliance of insurance policy and shall be governed accordingly.

- 3.3 समयबद्धता संविदा की आत्मा है तथा कार्य को कार्य की अनुसूची के अनुसार ही पूर्ण किया जाएगा।

The time shall be the essence of the contract & the work shall be completed as per the schedule of work.

4.0 सुरक्षा जमा Security Deposit:

- 4.1 सुरक्षा जमा राशि **₹ 1,31,88,363/- (रुपए एक करोड़ इकतीस लाख अट्ठासी हजार तीन सौ तरेसठ मात्र)** अर्थात संविदा मूल्य की राशि का 10% होगी तथा जीसीसी के खंड सं. 4.2 के अनुसार नियंत्रित होगी।

Security Deposit shall be @ 10% of the Contract value i.e. **₹ 1,31,88,363/- (Rupees One Crore Thirty One Lakh Eighty Eight Thousand Three Hundred Sixty Three Only)** and shall be governed as per clause no. 4.2 of GCC.

- 4.2 सुरक्षा जमा की उपरोक्त की गई गणना को दो भागों में विभाजित किया जाएगा एवं तदनुसार प्रस्तुत किया जाएगा: Security Deposit as calculated above shall be split in following two parts and to be furnished accordingly:

- a) जीसीसी के खंड सं. 4.2.3 के अनुसार, कार्यनिष्पादन गारंटी (अर्थात सुरक्षा जमा का 50%) **₹ 65,94,182/- (रुपए पैसठ लाख चौरानवे हजार एक सौ ब्यासी मात्र)** संविदा एवं सामाग्री प्रबंधन (वर्क्स ग्रुप) को निर्धारित प्रपत्र में जमा कराई जाएगी। एलओआई / कार्य आदेश जारी होने के 30 दिनों के भीतर कार्यनिष्पादन गारंटी प्रस्तुत नहीं किए जाने पर इस कार्य आदेश को निरस्त समझा जाएगा।

As per clause no. 4.2.3 of GCC, performance guarantee (i.e. 50% of Security Deposit) **₹ 65,94,182/- (Rupees Sixty Five Lakh Ninety Four Thousand One Hundred Eighty Two Only)** in the acceptable form shall be submitted to Contract & Material Management (Works Group). In case, performance guarantee is not submitted within the 30 days of issue of LOI /work order then this work order shall be liable towards cancellation.

- b) प्रतिधारण राशि अर्थात सुरक्षा जमा (अर्थात सुरक्षा जमा का 50% जो **₹ 65,94,181/- है**) (रुपए पैसठ लाख चौरानवे हजार एक सौ इक्यासी मात्र) की वसूली आपके चालू बिल (Running Bills) में से की जाएगी। Retention money (i.e. 50% of Security Deposit amounting **₹ 65,94,181/- (Rupees Sixty Five Lakh Ninety Four Thousand One Hundred Eighty One Only)** shall be recovered from your Running Bills.

- 4.3 प्रतिधारण राशि की कटौती उपरोक्त गणना किए गए सुरक्षा जमा के 50% की वसूली होने तक किए गए कार्य के मूल्य से 6% की दर से चालू बिलों में से की जाएगी। सुरक्षा जमा की राशि पर कोई ब्याज नहीं लगेगा। Retention Money shall be deducted at the rate of 6% of the value of work done from Running Bills till the 50% of Security Deposit amount as calculated above, is recovered. Security deposit amount will not bear any interest.

- 4.4 सुरक्षा जमा का प्रतिदाय संविदा की सामान्य शर्तों के खंड 4.3 के अनुसार नियंत्रित होगा। 12 (बारह) महीनों की “दोष देयता अवधि” (Defect Liability Period) (निविदा देस्तावेज के सेक्शन-I शिड्यूल-A के अनुसार) एनपीसीआईएल द्वारा पूर्णता प्रमाणपत्र जारी किए जाने की तारीख से प्रभावी होगा। Refund of security deposit shall be governed by clause no. 4.3 of General Conditions of Contract. “Defect Liability Period” (as per Schedule-A of Section-I of tender document) of **12 (Twelve) months** will be effective from the date of completion as certified by the NPCIL.

5.0 भुगतान की शर्तें **Payment Terms:**

5.1 SOQR की मदों के लिए प्रगामी भुगतान (progressive payment) मासिक आधार पर निष्पादित किए गए कार्य तथा प्रभारी अभियंता द्वारा प्रमाणित किए जाने के अधीन के मानव संसाधन द्वारा मजदूरी भुगतान प्रमाणपत्र तथा निविदा सूचना के सेक्शन-III के अनुलग्नक-I के अनुसार जीएसटी इन्वोइस के साथ जीएसटी घोषणा प्रस्तुत करने पर चालू खाता बिलों (Running Account (RA) Bills) के माध्यम से अनुमोदित दरों के अनुसार किया जाएगा।

The progressive payment for the item of SOQR shall be made on monthly basis for the work executed & accepted as certified by EIC as per approved rates through Running Account (RA) Bills on submission of labour payment certificate issued by HR and GST invoice along with GST declaration as per Annexure-I of Section -III of Tender-Notice.

5.2 निविदा सूचना के सेक्शन-A के लागू खंड के अनुसार जल प्रभार की कटौती आपके बिलों में से की जाएगी। Water charges as per relevant clause of Schedule-A of Tender-Notice will be deducted from your bills.

निविदा/संविदा की शर्तों के अनुसार प्रयोज्य प्रकार की अन्य वसूली जैसे दंड, किराया प्रभार, विद्युत प्रभार, यदि कोई हों, आदि भी संविदाकार के आर. ए. बिल में से की जाएगी।

Other recoveries if any, as per applicability such as penalty, hire charges, Electricity charges etc. shall also be made from Contractor's R.A. Bill as per Tender/Contract conditions.

5.3 **स्रोत पर कारों की कटौती Taxes Deduction at Source:**

आय कर: भारत सरकार/राज्य सरकार के विधिक निकायों द्वारा जारी अधिसूचनाओं के अनुसार प्रयोज्य।

Income Tax: As Applicable as per notification issued by the Statutory Body Govt. of India/State Govt. from time to time.

वस्तु एवं सेवा कर: भारत सरकार/राज्य सरकार के विधिक निकायों द्वारा जारी अधिसूचनाओं के अनुसार प्रयोज्य।

Goods & Service Tax: As Applicable as per notification issued by the Statutory Body Govt. of India/State Govt. from time to time.

कर: सीजीएसटी एवं एसजीएसटी अधिनियमों के “Anti-profiteering” प्रावधानों के तहत वस्तुओं एवं सेवाओं के आपूर्तिकर्ता होने के नाते आपको न्यून कराधान तथा साथ ही इनपुट टैक्स क्रेडिट पर मिलने वाले लाभ जैसे लाभों को अंतिम उपभोक्ता अर्थात् एनपीसीआईएल को हस्तांतरित करने हैं।

Tax: Under “Anti-profiteering” provision of CGST & SGST Acts, being suppliers of Goods & Services, you are mandatorily required to pass on such benefits of lower taxation as well as benefits on input tax credit to the ultimate consumer i.e. NPCIL.

प्रतिवर्ती प्रभार प्रक्रिया: यह वर्तमान में प्रयोज्य नहीं है तथा कर विभाग को प्रयोज्य जीएसटी जमा करने/रियायत देने की पूरी जिम्मेदारी/देयता मैसर्स मधुसूदन इंजीनियरिंग कंपनी की होगी।

Reverse Charge Mechanism: Presently not applicable and entire responsibility/liability of depositing/remitting the applicable GST to Tax Department will lie with **M/s Madhusudan Engineering Co.**

उपरोक्त के अतिरिक्त, भारत सरकार/राज्य सरकार द्वारा समय-समय पर जारी अधिसूचना के आधार पर किसी अन्य कर की भी कटौती की जाएगी।

In addition to above, any other tax based on notification issued by Govt. of India/State Govt. from time to time shall also be deducted.

5.4 संविदा के अलग-अलग स्तरों पर बोलीदाता द्वारा प्रस्तुत किए जाने वाले दस्तावेज निम्नानुसार हैं:

Documents to be submitted by the bidder at different stages of contract are as follows:-

A) कार्य प्रारम्भ करने के पूर्व Before commencement of work:

संविदाकार कार्य प्रारम्भ करने के पहले निम्नलिखित दस्तावेज प्रभारी अभियंता के समक्ष प्रस्तुत करेगा।

The Contractor shall submit following documents to Engineer-in- Charge before commencements of work.

- a. कार्य आदेश/एलओआई/संविदा आदेश/संस्तुति आदेश स्वीकृति पत्र. Work order / LOI / Contract Order / Sanction Order acceptance letter.
- b. श्रमिक लाइसेन्स, यदि लागू हो, तो प्राप्त करने के लिए प्रधान नियोक्ता प्रमाणपत्र (फॉर्म-III) जारी किए जाने के लिए आवेदन।

Application for issue of Principal Employer's Certificate (Form-III) for getting a Labour license, if applicable.

- c. BOCW अधिनियम तथा BOCW उपकर अधिनियम अधीन संविदाओं के लिए, संविदकों को स्वयं को उक्त अधिनियम से तहत पंजीकृत करवाना होगा। इस पंजीकरण की प्रति प्रभारी अभियंता को प्रथम R.A. बिल के साथ प्रस्तुत करनी होगी।

For the Contracts covered under BOCW Act and BOCW Cess Act, the contractor must get themselves registered under the Act. The copy of registration shall be submitted to Engineer-in- Charge with first RA Bill.

- d. प्रीमियम की रसीदों के साथ बीमा योजनाओं की मूल प्रतियाँ

Original Insurance Policies along with premium receipts

- i. संविदा मूल्य का 10% राशि 50 लाख उच्चतम सीमा हेतु तृतीय पक्ष देयता बिमा।

Third Party Liability insurance for 10% of contract value subjected to maximum of Rs. 50 Lakh.

- ii. ESI योजना के अधीन व्यक्तियों के नाम इंगित करता ESI देस्तावेज अथवा वर्क मैन मुआवजा नीति अथवा प्रयोज्यता के अनुसार दोनों।

ESI document indicating the names of persons covered under the ESI scheme OR Workmen Compensation Policy OR both as per the applicability.

- iii. Contractor's All Risk Policy (CAR) for whole contract value.

- e. संविदा की समान्य शर्तों के खंड सं. 4.2.3 के अनुसार कार्यनिष्पादन गारंटी

Performance guarantee as per clause 4.2.3 of General Conditions of Contract.

B) RA बिल के भुगतान के लिए For payment of the RA Bill,

संविदाकार प्रभारी अभियंता को प्रथम आरए बिल के साथ निम्नलिखित दस्तावेज प्रस्तुत करेगा:

The contractor shall submit the following documents along with first RA bill to EIC.

- a. श्रमिक लाइसेंस, जहां कहीं भी प्रयोज्य हो (केवल प्रथम आरए बिल के साथ)

Labour license wherever applicable (along with first RA Bill only).

- b. जीएसटी अधिनियम के अनुसार जीएसटी पंजीकरण की प्रति (केवल प्रथम आरए बिल के साथ)

GST registration Copy as per GST Act (along with first RA Bill only).

- c. जीएसटी के लिए घोषणा पत्र (अनुलग्नक-I) Declaration form for GST (**Annexure-I**)

- d. साझा प्रतिष्ठान के मामले में साझेदारी के देस्तावेज तथा कंपनी के मामले में प्रतिनिधि का मुख्तारनामा (केवल प्रथम आरए बिल के साथ)

Partnership deed of firm in case of partnership firm or power of attorney of the representative in case of company (along with first RA Bill only).

- e. भुगतान के लिए संविदाकार का बैंक खाते के विवरण (केवल प्रथम आरए बिल के साथ)
Bank account details of the contractor for payment (along with first RA Bill only).
- f. PAN कार्ड की प्रति (केवल प्रथम आरए बिल के साथ)
Copy of PAN card (along with first RA Bill only).
- g. केवल एक माह की अवधि वाले प्रथम चालू खाते बिल की स्थिति में मजदूरी भुगतान प्रमाण पत्र की आवश्यकता नहीं होगी।
In case first R.A. bill is for the duration of one month only then Labour payment certificate shall not be required.
- h. पिछले माह में किये गए कार्य हेतु पिछले माह के R.A. बिल के लिए रा.रा.साईट के मा.सं. (कर्म सं)से विधिवत रूप से जारी पिछले से पिछले माह के मजदूरी भुगतान प्रमाण पत्र। (उदहारण के लिए मई माह की एलपीसी जून माह के बिल को जुलाई में जारी करने के लिय पर्याप्त होगी।
Labour Payment Certificate duly issued from HR (ER) Section of RR Site for the month of previous to previous month of RA Bill for the work done in previous month (for example LPC of May month shall be sufficient to release the bill of June in the month of July).
- i. ESIC पंजीकरण के विवरण की प्रति
Copy of ESIC registration details.
- j. तीन प्रतियों में टैक्स इन्वॉइस/ई-इन्वॉइस अथवा ई-इन्वॉइस का वचनपत्र।
Tax invoice/e-invoice or undertaking of e-invoice in triplicate.

C) अंतिम बिल के भुगतान के लिए for payment of the Final Bill:

आरए बिलों के लिए आवश्यक दस्तावेजों के साथ साथ निम्नलिखित दस्तावेजों को भी प्रस्तुत किया जाना है:
The following documents shall be submitted in addition to those required for RA bills:

- a. संविदाकार द्वारा दावा प्रस्तुत नहीं करने की घोषणा।
No claim declaration by the Contractor.
- b. कर्मचारी भविष्य निधि एवं विविध प्रावधान अधिनियम, 1952 के संबंध में संविदाकार द्वारा क्षतिपूर्ति।
Indemnification by the Contractor regarding compliance of EPF & MP Act, 1952.
- c. बेबाकी प्रमाण पत्र, यदि कोई हो।
No dues certificates if any.
- d. PMRPY योजना की वचनबद्धता हेतु हस्ताक्षरित अनुलग्नक-जी
Signed Annexure- G for PMRPY Scheme undertaking.
- e. BOCW अधिनियम, 1996 की अनुपालना के संबंध में संविदाकार द्वारा क्षतिपूर्ति, यदि प्रयोज्य हो।
Indemnification by the Contractor regarding compliance of BOCW Act, 1996, if applicable.
- f. वास्तविक समापन तिथि तक मानव संसाधन समूह से मजदूरी प्रमाण पत्र।
Wages certificate from HR section up to actual date of completion.

D) बोलीदाताओं द्वारा विधिक अपेक्षाओं की अनुपालना

Compliances by the bidders on statutory requirement:

- a. **आरए बिल/अंतिम बिल RA Bill / Final Bill:**
संविदाकार को निरंतर अनुवीक्षण करना है। संविदाकार द्वारा संविदा की सामान्य शर्तों अथवा किसी अन्य संविदा दस्तावेज में उल्लिखित विधिक प्रावधानों की अनुपालना करने में असफल होने पर चालू लेखा बिलों/ अंतिम बिल को रोक लिया जाएगा।
The Contractor will be continuously monitored. Running Account Bills/ Final Bill of the Contractor will be withheld if they fail to comply with statutory provisions as mentioned in the General Conditions of Contract or any other contract document.
- b. **निष्पादन बैंक गारंटी(पीबीजी)/सुरक्षा राशि(एसडी) जारी करना**
Release of Performance Bank Guarantee (PBG) / Security Deposit (SD) :
संविदाकार को प्रभारी अभियंता द्वारा प्रमाणित समस्त विधिक अनुपालना समेत संविदा के संतोषजनक कार्यपूर्णता के उपरान्त पीबीजी एवं एसडी जारी की जाएगी।

6.0 संविदा मूल्य का समायोजन Contract Price Adjustment:

- 6.1 इस संविदा के लिए संविदा मूल्य के समायोजन की प्रयोज्यता जीसीसी के उपयुक्त नियम के अनुसार होगी।
Applicability of Contract Price Adjustment for this contract will be as per relevant clause of GCC.

7.0 मजदूरी एवं संविदा श्रमिक अधिनियम Wages & Contract Labour Act:

- 7.1 आपको संविदा की सामान्य शर्तों के खंड सं. 5.4 के संविदा श्रमिक अधिनियम (नियमन एवं उन्मूलन), 1970 विविध प्रावधानों तथा इसके पश्चात समय-समय पर बनाए गए नियमों की अनुपलना करनी होगी। यदि आपके संगठन पर संविदा श्रमिक अधिनियम, 1970 लागू नहीं होता है तो, इसके लिए आप कार्य प्रारंभ करने के पहले प्रभारी अभियंता को सूचित करेंगे।

You shall comply with various provisions of the Contract Labour (Regulations and Abolition) Act 1970 of GCC Clause No. 5.4 and rules framed thereafter from time to time. In case the Contract Labour Act 1970 does not apply to your organization, you shall intimate to the Engineer-In-Charge of this work before commencement of the work.

इसके अतिरिक्त आपको नीचे वर्णित अन्य सभी प्रावधानों की पालना करनी होगी:

Further, you shall also comply with the provisions of all other applicable laws such as:

- a) कर्मचारी राज्य बीमा (ईएसआई) अधिनियम-1948 अथवा वर्क मैन मुआवजा नीति (यदि सभी अथवा कुछ श्रमिक कर्मचारी राज्य बीमा अधिनियम-1948 के तहत पात्र नहीं होते हैं तो सभी/शेष वर्क मैन के लिए श्रमिक मुआवजा नीति की आवश्यकता होगी। अर्हता निर्धारित करने के लिए भारत सरकार द्वारा अधिनियम के तहत जारी अधिसूचना का संदर्भ लिया जाए)

Employees State Insurance (ESI) Act-1948 Or Workman Compensation Policy (if all or some of the workers are not covered under the Employees State Insurance Act. 1948, the Workman Compensation Policy will be required for all / remaining workmen/employees. Notification issued by Govt. of India under the Act may be referred for deciding the eligibility).

- b) मजदूरी भुगतान अधिनियम The Payment of Wages Act-1936.

- c) न्यूनतम मजदूरी अधिनियम The Minimum Wages Act-1948.

- d) कर्मचारी भविष्य निधि एवं विविध प्रावधान अधिनियम-1952

The Employee's Provident Fund and Miscellaneous Provision Act-1952.

- e) भवन तथा अन्य निर्माण श्रमिक (नियोजन का नियमन एवं सेवा शर्तें) अधिनियम-1996 (यदि प्रयोज्य हो)

The Building and Other Construction Workers (Regulation of Employment and Conditions of Services) Act-1996 (if applicable).

- f) अन्य प्रयोज्य श्रम कानून जो प्रधान नियोक्ता के रूप में किसी प्रकार के व्यय का उत्तरदायित्व प्रदान करते हैं। ऐसी किसी परिस्थिति के उत्पन्न होने पर, एनपीसीआईएल के पास आपसे/आपके बिलों से उनकी वसूली करने का अधिकार है।

Other applicable labour laws which attract any liability to incur any expenditure as Principal Employer. If such situation arises, NPCIL is entitled to recover the same from you/your bills.

- 7.2 यदि इस कार्य के लिए 19 से अधिक श्रमिक नियोजित किए जाने हैं तो आपको प्रधान नियोक्ता का प्रमाणपत्र प्रपट करने के लिए अनुरोध करना होगा। कृपया ध्यान दें कि इस कार्य आदेश के जारी होने के 15 दिनों के भीतर आपको इस कार्य में नियोजित किए जाने वाले अधिकतम श्रमिकों के लिए क्षेत्र के सहायक श्रम आयुक्त के पास श्रम अनुज्ञापत्र के लिए आवेदन करना होगा। आप संबंधित प्राधिकारियों से एक मान्य श्रम अनुज्ञापत्र प्राप्त किया जाना सुनिश्चित करेंगे तथा इस कार्य आदेश में 20 अथवा अधिक श्रमिक नियोजित करने से पूर्व प्रभारी अभियंता को श्रम अनुज्ञापत्र प्रस्तुत करेंगे।

You will have to give request of Principal Employer's Certificate for obtaining labour license, if more than 19 numbers of workman are proposed to be employed for this work. Please note that, you have to apply for a labour license in the office of Assistant Labour Commissioner of the area within 15 days from the date of issue of this work order for maximum number of workers you have indicated to engage on the work. You shall ensure to obtain a valid labour license from the concerned authorities and submit labour license to Engineer-In-Charge before engagement of 20 or more workers in work order.

- 7.3 संविदाकार को अपने सभी श्रमिकों को आगे आने वाले माह के 7वें दिन अथवा उसके पहले बैंक के माध्यम से मजदूरी का भुगतान करना होगा, अन्यथा एससीसी के भाग-I के श्रेणी I से श्रेणी IV के खंड सं. 19 के अनुसार दंड अधिरोपित किया जाएगा। संविदा श्रमिकों को राशि के अंतरण वाली बैंक द्वारा जारी बैंक स्टेटमेंट/ऑन लाइन द्वारा सृजित बैंक स्टेटमेंट निविदा दस्तावेज के भाग-III के लागू खंड के अनुसार कार्य प्रभारी अभियंता को प्रस्तुत की जानी चाहिए।

The contractor shall make the payment to all its labour on or before 7th day of succeeding month through bank, failing which penalty shall be imposed at the rate of as per Clause no. 19 category I to Category IV Part-I of SCC. Bank statement issued by bank/online system Generated Bank Statement having transferred the amount to the contract workers should be submitted to EIC of the work as per relevant clause of Section-III of Tender Documents.

- 7.4 संविदाकार को बोनस भुगतान अधिनियम, 1965 में उल्लिखित एवं निविदा दस्तावेज में एससीसी के संबंधित खंड के अनुसार बोनस का भुगतान करना होगा।

The contractor shall have to make payment of Bonus as prescribed under the Payment of Bonus Act-1965 & as per relevant clause of SCC in Tender Documents.

- 7.5 निविदा दस्तावेज के एससीसी के संबंधित खंड के अनुसार कार्य प्रभारी अभियंता के पास ईएसआई में अंशदान के दस्तावेजी प्रमाण प्रस्तुत करने होंगे।

Document evidence of ESI contribution is to be submitted to EIC of work. As per relevant clause of SCC in Tender Documents.

8.0 **कार्य का निष्पादन Execution of work:**

कार्य को निविदा में उल्लिखित निबंधनों, शर्तों एवं विनिर्देशनों की सख्ती से अनुपालना करते हुए सर्वश्रेष्ठ कार्य निष्पादन के रूप में निष्पादित किया जाना चाहिए। आपको निविदा दस्तावेज में उल्लिखित अनुभाग की विशेष आवश्यकता (यदि कोई हों) के अनुसार पात्र अभियंताओं/पर्यवेक्षकों की नियुक्ति करनी होगी तथा उन्हें बनाए रखना होगा। कार्य को संतोषजनक रूप से पूर्ण करने के लिए आप साइट एवं कार्य स्थल पर सभी आवश्यक मशीनरी तथा उपकरण एवं अन्य समग्रियाँ लाएंगे।

The work shall be carried out strictly in accordance with the terms, conditions and specifications stipulated in the tender and also in best workman like manner. You shall employ and maintain qualified engineers/supervisors as per Sectional Special Condition of Tender Documents (if any). You shall also bring to the site and place such machinery and equipments & other materials as are necessary for the satisfactory completion of work.

9.0 **प्रभारी अभियंता Engineer-In-Charge:**

श्री नितिन नागर, तकनीकी अधिकारी/ई (ईएमजी-सी) इस कार्य के प्रभारी अभियंता होंगे। आप प्रभारी अभियंता से परामर्श के उपरांत तत्काल कार्य आरम्भ हेतु आवश्यक व्यवस्थाएं करेंगे।

Shri Nitin Nagar, TO/E (EMG-C) will be the Engineer-in-charge of this work. You may make necessary arrangement for commencing the work immediately in consultation with Engineer-In-Charge.

- 10.0 आपसे आपके प्राधिकृत प्रतिनिधि के नाम सूचित करने का अनुरोध किया जाता है जो कि संविदा से जुड़े समस्त मामलों पर कार्य करेंगे एवं समुचित मूल्य के स्टाम्प पेपर पर विधिवत रूप से उनके नाम तैयार किया गया मुख्तारनामा प्रस्तुत करना होगा।

You are requested to inform the name of your authorized representative who will deal with all matters relating to the contract and the Power of Attorney in his favour duly executed on stamped paper of an appropriate value shall be furnished.

- 11.0** संविदा के निष्पादन के दौरान एवं पूर्णता प्रमाण पत्र जारी किए जाने तक आप सर्व संबंधित को तृतीय पक्ष देयता सहित कार्य, संरचना, संपत्ति आदि को आपके कारण होने वाले किसी नुकसान, टूट-फूट अथवा कार्य में तोड़-फोड़ की क्षतिपूर्ति करने के लिए पूरी तरह से उत्तरदायी होंगे, जिसका निर्धारण प्रभारी अभियंता द्वारा किया जाएगा तथा इस संबंध में उनका निर्णय अंतिम होगा।

During the execution of the contract and until completion certificate is issued, you will be fully liable to compensate all concerned for any loss, damage or destruction of work, structure, property etc. including third party risk arising due to causes attributable to you which will be decided by the Engineer-in-Charge, whose decision in this regard will be final.

12.0 संरक्षा एवं साफ-सफाई Safety & Housekeeping:

संविदाकार को संविदा की सामान्य शर्तों के खंड सं. 5.6 तथा 21-प.ऊ.नि.बो. संरक्षा मार्गदर्शन के अनुसार सभी संरक्षा नियमों एवं विनियमों की अनुपालना करनी होगी। संविदाकार निविदा दस्तावेज के संबंधित खंडों एवं प्रक्रियाविधियों के अनुसार सभी संरक्षा एहतियातों, संरक्षा प्रशिक्षणों, संरक्षा अनुमतियों (औद्योगिक एवं रेडियोलॉजिकल) अनुपालना एवं क्रियान्वयन तथा संबन्धित कार्य क्षेत्र की उचित साफ-सफाई के लिए उत्तरदायी होगा।

Contractor has to comply all the safety rules & regulations as per GCC clause No. 5.6 and 21- AERB Safety guide. Contractor shall be responsible for the observance & implementation of all safety precautions, Safety Trainings, Safety permissions (Industrial / Radiological) and proper housekeeping of the respective working area as per procedures and as per relevant Clauses of Tender document.

13.0 करार Agreement:

अनुरोध है कि इस कार्यादेश के जारी होने के 30 दिनों के अन्दर करार तैयार करवाने के लिए रु 500/- का गैर न्यायिक स्टैम्प पेपर संविदा एवं सामाग्री प्रबंधन (वर्क्स समूह) में प्रस्तुत करने का कष्ट करें। इस कार्यादेश के जारी होने की तिथि अथवा प्रथम चालू बिल के जारी होने की तिथि, जो भी पहले हो, के 90 दिवसों के भीतर एनपीसीआईएल एवं **मैसर्स मधुसूदन इंजीनियरिंग कंपनी** के मध्य समस्त निबंधन एवं शर्तों को समाहित करते हुए एक औपचारिक करार निष्पादित किया जाएगा। औपचारिक समझौता निष्पादित किए जाने तक निविदा दस्तावेज में वर्णित निबंधन एवं शर्तों को कार्य आबंटित किए जाने तक हुए समस्त पत्राचार की विषयवस्तु के साथ पढ़ी जाएं एवं इस कार्यादेश की विषयवस्तु एनपीसीआईएल एवं **मैसर्स मधुसूदन इंजीनियरिंग कंपनी** के मध्य बाध्यकारी संविदा बनेगी।

It is requested to submit a Non-Judicial Stamp paper of ₹ 500/- to Contract & Material Management (Works Group) office for preparation of agreement within 30 days of issue of this work order to prepare a formal agreement between NPCIL & **M/s Madhusudan Engineering Co.** within 90 days from the date of issue of this work order or release of 1st RA bill, whichever is earlier. Till formal agreement is executed, the terms and conditions stipulated in the tender document read along with the contents of all correspondences exchanged till the award of work and the contents of this work order shall form a binding contract between NPCIL & **M/s Madhusudan Engineering Co.**

14.0 सामान्य General :

- 14.1 संविदा अवधि के दौरान किसी विवाद/शंका, जो कुछ भी होने पर, संविदाकार एवं एनपीसीआईएल के मध्य निविदा की सामान्य शर्तें बाध्यकारी होंगी। यह कार्यादेश संविदा की सामान्य शर्तों(जीसीसी) के खंडों द्वारा अधिशासित होंगे। अन्य समस्त निबंधन एवं शर्तें निविदा दस्तावेज के अनुसार प्रयोज्य होंगी।

In case of any dispute/ confusion whatsoever it may be during the contract period, General Conditions of Contract of Tender shall be binding between the contractor and NPCIL. This work order will be governed by the clauses of the General condition of contract (GCC). All other terms and conditions will be applicable as per tender document.

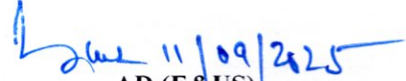
15.0 आपसे इस कार्यादेश की पावती एवं स्वीकृति देने तथा प्रभारी अभियंता से परामर्श कर अनुसूची के अनुसार कार्य आरंभ करने का अनुरोध किया जाता है।

You are requested to acknowledge the receipt & acceptance of this work order and commence the work as per schedule in consultation with the Engineer-in-charge.

धन्यवाद Thanking you,

संलग्न: मात्राओं एवं दरों की अनुची (अनुलग्नक-I)

Encl: Schedule of Quantities & Rates (Annexure-I)


AD (E&US)

Rawatbhata Rajasthan Site
वास्ते एवं कृते **For & on behalf of the**
न्यूक्लियर पावर कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड
Nuclear Power Corporation of India Limited

NUCLEAR POWER CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

Rawatbhata Rajasthan Site

Schedule Of Quantities And Rates



Print Date: 09-Sep-2025

CoManas

Name of Work: Construction of 9 barracks (for 126 nos. Jawans) & upgradation of 204 Nos. (17 Block) Type-I (A) Quarters in G+2 structures including development of associated external infrastructure works at CISF colony Sentab, RR Site.

WO / SOQR Number : 64724

Agency Name : M/s MADHUSUDAN ENGINEERING CO.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
Rate in Words						
Schedule : ESTATE MGMT. (CIVIL):N						
1	Earthwork in excavation in all types of ground substrata consisting of hard rock / fragmented rock / soft rock / ordinary soils / filled up ground /murrum requiring use of rock breaker, drilling, chiseling with mechanical / manual means etc. up to a depth of 1.5 m from the original ground level and dewatering if required for foundation of walls, columns, platforms etc. including backfilling with selected excavated materials in plinth and foundation trenches in layers not exceeding 200 mm thick, watering ramming etc. complete and disposing off the surplus materials to a maximum radially measured lead of 1.0 KM. as per drawings, design , safety and specifications and directions of the Engineer. Note :- Bidders should essentially visit and inspect the construction sites and determine themselves the right and safest method/s of excavation considering the safety of nearby structures and population, before quoting their item rates (Blasting is not permitted).	Cum	4000	800		32,00,000
						Rupees Eight Hundreds Only
2	Extra for every additional lift of 1.5m part thereof in all kinds of soil.	Cum	500	50		25,000
						Rupees Fifty Only
3	Supplying at site of good earth excavated and brought from outside (borrow pits / stock piles) free from weeds, roots, rubbles and other foreign material including royalty and carriage and filling in trenches, plinth and sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layers by ramming and watering and lift upto 1.5m etc. complete (only consolidated fill shall be paid).	Cum	750	700		5,25,000
						Rupees Seven Hundreds Only
4	Providing and laying 150 mm thick stone soling under floors properly hand packed, filling interstices with spalls, gravels and inert fine material and consolidating to required gradient and camber, spreading, watering etc. complete as per drawings, specifications and direction of Engineer.	Sqm	1900	200		3,80,000
						Rupees Two Hundreds Only
5	Providing Chemical Emulsion in sealed containers including delivery and depositing in NPCIL store as specified. Chlorpyriphos 20 E.C. conforming to IS:8944 of approved brand.	Ltr.	730	262		1,91,260
						Rupees Two Hundreds Sixty Two Only
6	Diluting Chlorpyriphos E.C. 20% to 1% concentration (add of 19 ltr water to 1 ltr of Chlorpyriphos E.C.20%) for pre-constructional anti termitetreatment (excluding cost of chemical emulsion).Anti termite treatment of soil under floors and apron on the top surface of filled earth within and along with the plinth walls @ 5 ltr / sqm of the surface before the sand / sub grade is laid. Holes upto 50 to 75 mm deep at 150mm centers both ways including at the junction of wall and floor shall be made with crow bars on the surface to facilitate saturation of the soil with chemical emulsion complete as per direction of engineer in charge. Note:- payment shall be made on the basis of the plan area of the surface treated excluding the plan area of intervening beam & walls.	Sqm	2150	40		86,000
						Rupees Forty Only

Name of Work: Construction of 9 barracks (for 126 nos. Jawans) & upgradation of 204 Nos. (17 Block) Type-I (A) Quarters in G+2 structures including development of associated external infrastructure works at CISF colony Sentab, RR Site.

WO / SOQR Number : 64724

Agency Name : M/s MADHUSUDAN ENGINEERING CO.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
						Rate in Words
7	Providing and laying in position cement concrete of 1:3:6 (1 Cement: 3 coarse Sand : 6 Graded Stone aggregate 20 mm nominal size) -at all level , transporting of concrete to site, laying, consolidation, finishing, curing etc. all complete excluding cost of centering & shuttering, as per direction of Engineer-in-charge.	Cum	385	5200		20,02,000 Rupees Five Thousand Two Hundreds Only
8	Providing and laying cement concrete of 1:2:4 (1 Cement : 2 Coarse sand : 4 graded stone aggregate 20 mm nominal size) in retaining walls, return walls, walls(any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed block, anchor block, window sills, fillets etc. at all level including transporting of concrete to site, laying including cost of finishing, curing etc. all complete excluding the cost of centering and shuttering as per specifications and direction of Engineer-in-charge.	Cum	30	5800		1,74,000 Rupees Five Thousand Eight Hundreds Only
9	Providing and laying cement concrete of 1:2:4 (1 Cement : 2 Coarse sand : 4 graded stone aggregate 20 mm nominal size) in approach pavement to garages etc. in suitable size of pannels including consolidation with needle and vibro compactor equipment and finishing with power floater and trowelled to desired finish & finally giving required broom finish with suitable means, sawing the contraction joint with machanical saw at specified spacing, the width of sawed groove shall be 6mm thick and depth shall be 1/4th of thickness of pavement and sawing operation should be carried out as soon as the concrete is ready to accept the saw cut without trowelling. The joint should be field with approved bitumastic sealant including transporting of concrete to site of laying including cost of centering and shuttering, finishing, curing etc. all Complete with all material and labour as per specifications and direction of Engineer-in-charge. (Qty of water used per bag of cement shall not be more than 22.5 ltr. cement admixture shall be added if required for desired workabilty)	Cum	16	6000		96,000 Rupees Six Thousand Only
10	Providing and Application of IRONITE NO.3 powder (Metallic Dry shake natural cement colour) @ 6 Kgs/m ² sprinkled over green concrete with 1/3rd of the dry shake to be sprinkled in First pass and floated with Power float, remaining 2/3rd of dry shake to be sprinkled in next pass and the floor laid floated & trowelled to acquire desired finish.	Sqm	160	150		24,000 Rupees One Hundreds Fifty Only
11	Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of all grades grade for Reinforced cement concrete or other works using 20mm size stone aggregates including transporting of concrete to site for laying but excluding the cost of centering, shuttering and reinforcement, including cost of finishing, compaction, curing, approved chemical admixtures conforming to IS 9103 in recommended proportions for achieving slump not less than 120mm and water/cement ratio not more than 0.42 at all level & for all sections as per drawings, specifications & direction of Engineer-in-charge. Use of concrete retarding agent / accelerator conforming to IS 9103 shall also be done if situation demands so. Rates should be based on using 350 kg of OPC 43 grade cement per Cum of concrete.	Cum	2400	6300		1,51,20,000 Rupees Six Thousand Three Hundreds Only
12	Providing form work of battened frame with sheathing having plywood lining / MS angle frame with sheathing of MS plate lining so as to give fair finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor not exceeding 3.5 meters to ceilings and removal of same for foundation, footings, columns, wall, Suspended floors, stairs, landings, balconies, lintels, beams, plinth beams, girders, cantilevers and access platform etc. complete at all level of floors / roof as per specifications and direction of Engineer in charge. Note: Only brand new form-work /shuttering especially fabricated for this work shall only be accepted with the limited repetitions of the same allowed till the surface remains even, and dent free. Only steel scaffolding i.e. pipe, channels etc. shall be allowed for this work.	Sqm	23950	500		1,19,75,000 Rupees Five Hundreds Only

Name of Work: Construction of 9 barracks (for 126 nos. Jawans) & upgradation of 204 Nos. (17 Block) Type-I (A) Quarters in G+2 structures including development of associated external infrastructure works at CISF colony Sentab, RR Site.

WO / SOQR Number : 64724

Agency Name : M/s MADHUSUDAN ENGINEERING CO.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
		Rate in Words				
13	Providing and laying Thermo-Mechanically Treated reinforcement bars of grade as specified in drawings/specifications and as directed by engineer conforming to IS : 1786 latest revision or the latest relevant code for RCC work including straightening, cutting, bending, placing in position and binding with 20 gauge annealed binding wire and cement mortar cover block of all size in C.M. 1:2 MIX etc. all complete- as per drawings , specifications & direction of engineer in charge.	Kg	322800	78		2,51,78,400
						Rupees Seventy Eight Only
14	Providing & laying Random Rubble masonry with hard stone in foundation and plinth level of building & upto 3.00 Mtr. height from NGL for boundary/compound wall with Cement mortar 1:6 (1 Cement :6 Coarse sand) including cost of labour, materials, curing , raking out the joints, finishing, scaffoldings etc. all complete as per specifications and direction of Engineer in charge.	Cum	500	3200		16,00,000
						Rupees Three Thousand Two Hundreds Only
15	Providing and laying Fly-ash brick masonry class designation- 75 (IS-12894 -latest revision) in cement mortar 1:6 (1 cement : 6 coarse sand) upto plinth level including cost of labour, materials, curing, finishing, scaffoldings etc. all complete as per drawings, specifications and direction of Engineer in charge.	Cum	155	5500		8,52,500
						Rupees Five Thousand Five Hundreds Only
16	Providing and laying Fly-ash brick masonry using Fly-ash building bricks of class designation- 75 (IS-12894 -latest revision) in cement mortar 1:6 (1 cement : 6 coarse sand) in superstructure above plinth level up to floor five level as per specifications and direction of Engineer including cost of labour, materials, curing, finishing, scaffoldings etc. all complete as per drawings, specifications and direction of Engineer in charge.	Cum	1640	5800		95,12,000
						Rupees Five Thousand Eight Hundreds Only
17	Providing and laying half brick masonry using fly ash bricks of class designation-75 (IS-12894 -latest revision) in cement mortar 1:4 (1 cement : 4 coarse sand) with RCC 1:2:4 (1 Cement : 2 Coarse sand : 4 graded stone aggregate 20 mm nominal size) stiffeners 75 mm thick horizontally @ 1000mm c/c excluding cost of laying reinforcement but including cost of RCC stiffeners in superstructure above plinth level upto floor five level including cost of labour, materials, curing, finishing, scaffoldings, shuttering etc. all complete as per specifications and direction of Engineer in charge. Note - Reinforcement bars to be paid in relevant item.	SqM	1750	650		11,37,500
						Rupees Six Hundreds Fifty Only
18	Providing & fixing 18mm to 22mm thick both face polished Kota stone shelves fixed in walls in cupboard in cement mortar 1:3 (1 cement : 3 coarse sand) including cutting chases in masonry/plaster, finishing, making good the same, full moulding of exposed edges at all level complete as per specification and as directed by engineer in charge.	Sqm	410	900		3,69,000
						Rupees Nine Hundreds Only
19	Pointing on stone work with cement mortar 1:3 (1 cement :3 fine sand): Raised and cut pointing including finishing, curing, scaffoldings etc. complete at all height as per direction of Engineer-in-charge.	Sqm	100	200		20,000
						Rupees Two Hundreds Only
20	Providing and laying 6mm thick cement plaster (1 cement : 3 sand) in single coat on RCC ceiling face for interior plastering at all levels including necessary grooves at the junction of RCC and brickwork arises, internal rounded angle, chamfers and / or rounded angles not exceeding 80 mm in girth including scaffolding, finishing, curing etc all complete as per specifications and direction of engineer.	Sqm	4700	276		12,97,200
						Rupees Two Hundreds Seventy Six Only
21	Providing and laying 15mm thick cement plaster 1:4 (1 cement : 4 fine sand) in single coat on either side of single or half brick wall for interior plastering at all levels using galvanized M.S. wire of I.S. gauge designation 26 s.w.g. chicken mesh over junctions of brick work, beams and column as required including necessary grooves at the junction of RCC and brick work, arises, internal rounded angles, chamfers and / or rounded angles not exceeding 80mm in girth including scaffolding, finishing, curing etc all complete as per specifications and direction of engineer.	Sqm	16300	350		57,05,000
						Rupees Three Hundreds Fifty Only

Name of Work: Construction of 9 barracks (for 126 nos. Jawans) & upgradation of 204 Nos. (17 Block) Type-I (A) Quarters in G+2 structures including development of associated external infrastructure works at CISF colony Sentab, RR Site.

WO / SOQR Number : 64724

Agency Name : M/s MADHUSUDAN ENGINEERING CO.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
		Rate in Words				
22	Providing and laying 18 mm thick cement plaster in two coats under layer 12 mm thick cement plaster 1:4 (1 cement : 4 fine sand) finished with a top layer 6mm thick cement plaster 1:4 (1 cement : 4 fine sand) on either side of single or half brick masonry walls for exterior plastering at all height and using galvanized M.S. wire of I.S. gauge designation 26 S.W.G. chicken mesh over junctions of brick work, beams and column as required including necessary grooves at the junction of RCC and brick work, arises, internal rounded angles, chamfers and / or rounded angles not exceeding 80mm in girth including scaffolding, finishing, curing etc all complete as per specifications and direction of engineer.	Sqm	12900	425		54,82,500
						Rupees Four Hundreds Twenty Five Only
23	Providing and laying 15 mm thick cement plaster on rough side of single or half brick wall of mix : 1:4 (1 cement : 4 fine sand) finished with a floating coat of neat cement including scaffoldings, finishing, curing etc. complete as per specification & direction of Engineer-in-charge.	Sqm	250	360		90,000
						Rupees Three Hundreds Sixty Only
24	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge. With cement mortar 1:4 (1 cement : 4 fine sand)	Sqm	2000	425		8,50,000
						Rupees Four Hundreds Twenty Five Only
25	Providing water proofing material Dr. Fixit Pidi proof LW plus / Complast X-421 1C of fosroc / STP no 1 of STP Ltd. as approved in NPCIL store & issuing the same from NPCIL store as per site requirement for mixing in cement plaster work / concrete work in proportion as recommended by the manufacturers etc. complete as per direction of Engineer-in-charge.	Ltr.	430	100		43,000
						Rupees One Hundreds Only
26	Providing and fixing polished Kota stone slab flooring 18 to 22 mm thick in flooring, tread of steps, landing, laid over 20 mm (average) thick base of cement mortar 1:4 (1 Cement: 4 sand): and jointed with white cement slurry mixed with pigment to match the shade of the slab, including edge molding and cutting three nos. grooves neatly in longitudinal direction of steps for antiskid purpose, rubbing and polishing complete, including cutting of slot (without edge splitting) using mechanical means for receiving the handrail supports including finishing & curing work at all level etc. complete (size of kota stone shall cover full length & width of stair case treads as shown in drawings) as per specification & direction of Engineer-in-charge.	Sqm	100	1000		1,00,000
						Rupees One Thousand Only
27	Providing and fixing polished Kota stone slab flooring 18 to 22 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 Cement 3: sand) and jointed with white cement slurry mixed with pigment to match the shade of the slab, rubbing and polishing complete, including finishing & curing work at all level etc. complete as per specification & direction of Engineer-in-charge. (size of kota stone shall cover full length & width of stair case risers as shown in drawings)	Sqm	50	1050		52,500
						Rupees One Thousand Fifty Only
28	Providing and fixing polished sand stone slabs 20 to 25 mm thick over a layer of 12mm thick cement mortar 1:3 and pasted with suitable adhesive such as araldite and steel screws if required for vertical / horizontal facia etc. and joints treated with white cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing, edge moulding, finishing & curing work at all level etc. complete as per specification & direction of Engineer-in-charge.	Sqm	350	1000		3,50,000
						Rupees One Thousand Only

Name of Work: Construction of 9 barracks (for 126 nos. Jawans) & upgradation of 204 Nos. (17 Block) Type-I (A) Quarters in G+2 structures including development of associated external infrastructure works at CISF colony Sentab, RR Site.

WO / SOQR Number : 64724

Agency Name : M/s MADHUSUDAN ENGINEERING CO.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
						Rate in Words
29	Providing and laying premium quality polished / mat finish vitrified tiles of size 600mm x 600mm of approved shade and conforming to IS: 15622 (latest revision) of H&R JOHNSON (full body-solid surface) / KAJARIA (full body-Delfi series)/ NITCO (Full body series) as approved, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 sand) in floors and skirting including grouting the joints using special tile grout FEVIMATE-TG of Pidilite or similar approved make complete: including covering of tiles with 3mm th. PVC tile protection sheet over it for protection of tiles from paint stains, scratch during various finishing activities including finishing and curing at all levels etc. all complete as per specification and direction of Engineer-in-charge.	Sqm	5100	1050		53,55,000 Rupees One Thousand Fifty Only
30	Providing and fixing premium quality mat finished ceramic floor tiles of size 300x300mm and 6mm thickness conforming to IS: 15622 (latest revision) of H&R JOHNSON (pure mat finish Rustic /Lenox series) / KAJARIA (Digital floor -stain mat plain & printed mat finish) / NITCO (Crust digital floor tiles premium) as approved in required shade, laid on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 sand) including grouting the joints using special tiles grout FEVIMAT - TG of Pidilite or similar approved make complete. including finishing and curing work at all level etc. all complete as per specification & direction of Engineer in charge.	Sqm	80	750		60,000 Rupees Seven Hundreds Fifty Only
31	Providing and fixing premium quality special printed ceramic glazed wall tiles of size 450mmx300mm and 6mm thickness of approved shade in base and highlighter conforming to IS: 15622 (latest revision) of H&R JOHNSON wall tiles (DIGITAL PRINTED SERIES) / KAJARIA (Digital & power line) / NITCO (Cosmos digital wall tiles) as approved in skirting and dado over 12mm thick bed of cement mortar 1:3(1 cement :3 sand) including grouting the joints using special tiles grout FEVIMAT - TG of Pidilite or similar approved make complete including protecting the tiles from painting stains and scratches during various finishing activities including finishing and curing work at all level etc. all complete as per specification & direction of Engineer in charge.	Sqm	520	850		4,42,000 Rupees Eight Hundreds Fifty Only
32	Providing and fixing 14 to 16 mm thick marble stone gang saw cut, mirror polished, premoulded and prepolished, machine cut on wall tops, sides, facias and similar locations of required size (all size), approved shade, colour and texture over 12 mm thick (average) base cement mortar 1:3 (1cement : 3 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges wherever required to give high gloss finish etc. complete at all levels. (Base rate of marble stone shall not be less than 600/- per Sqm) Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble.	Sqm	5	4500		22,500 Rupees Four Thousand Five Hundreds Only
33	Providing and fixing 14mm to 16mm thick ordinary quality Plain White Marble gang saw cut machine cut for horizontal and vertical supports to kitchen platform, vanity counters and for other similar purposes to be fixed in position with cement mortar 1:3 including back to back jointing of vertical supports with epoxy bonding agent, curing etc. at all levels all complete as per drawing, specifications and direction of Engineer-in-charge.	Sqm	170	2500		4,25,000 Rupees Two Thousand Five Hundreds Only
34	Providing and fixing 15 to 18mm thick Granite Black or any other approved shade / colour / texture gang saw cut mirror polished, premoulded, machine cut for wash basin counter including cutting opening for wash basin making half round edge moulding in granite stone for counter etc. all complete of required size laid over 20 mm thick base cement mortar 1:4 (1 Cement :4 sand) with joints treated with white cement mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edge to give high gloss finish etc. complete at all levels: as per drawing, specifications and direction of Engineer-in-charge. (Base rate of granite shall not be less than Rs. 1800 / Sqm) Note:- Sample of granite shall be approved by EIC before bulk purchase.	Sqm	30	4500		1,35,000 Rupees Four Thousand Five Hundreds Only

Name of Work: Construction of 9 barracks (for 126 nos. Jawans) & upgradation of 204 Nos. (17 Block) Type-I (A) Quarters in G+2 structures including development of associated external infrastructure works at CISF colony Sentab, RR Site.

WO / SOQR Number : 64724

Agency Name : M/s MADHUSUDAN ENGINEERING CO.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
		Rate in Words				
35	Providing and fixing in full width & length 15mm to 18mm thick Granite Black or any other approved shade / colour / texture gang saw cut mirror polished, premoulded, machine cut for kitchen platforms, fascias and similar locations laid over 20 mm thick base cement mortar 1:4 (1 Cement :4 sand) with joints treated with white cement mixed with matching pigment, epoxy touch ups, including rubbing, curing, edge moulding and polishing to edge to give high gloss finish etc. complete at all levels: Area of slab over 0.50 Sqm. including finishing & curing work at all level etc. complete as per drawing, specifications and direction of Engineer-in-charge. (Base rate of granite shall not be less than Rs. 1800 / Sqm) Note:- Sample of granite shall be approved by EIC before bulk purchase.	Sqm	20	4500		90,000
						Rupees Four Thousand Five Hundreds Only
36	Providing and fixing pressed steel door frames conforming to IS: 4351 manufactured from 1.6 mm thick commercial mild steel sheet including hinges jamb, lock jamb, bead and base ties of pressed mild steel angle of size 20mm x 20mm x 1.25mm thick to suit floor thickness welded or rigidly fixed together by mechanical means, adjustable lugs with split end tail fixed to each jamb including fixing superior quality heavy duty Stainless Steel Butt Hinges 100mm long with the frame using SS-MS welding process and SS Screws all as per specifications including provision of mortar guards, lock strike – plate and shock absorbers as specified, filling the hollow box space with the 1:2:4 cement concrete (6.7 mm down coarse aggregate to be used), water cured for minimum 7 Days before fixing the same and applying two coats of approved brand synthetic enamel paint on exposed surface over a coat of approved steel primer on entire surface (interior and exterior) after pre- treatment of the surface, drilling holes of specified diameter and depth with the provision of high quality rubber/PVC sleeves for accommodating male parts of door fittings such as aldrops and tower bolts etc. all complete including cost of all material and labour as per drawing, specifications and as directed by Engineer–In charge. Profile B 105 x 60mm single rebate type	Mtr.	275	620		1,70,500
						Rupees Six Hundreds Twenty Only
37	Providing and fixing pressed steel door frames conforming to IS: 4351 manufactured from 1.6 mm thick commercial mild steel sheet including hinges jamb, lock jamb, bead and base ties of pressed mild steel angle of size 20mm x 20mm x 1.25mm thick to suit floor thickness welded or rigidly fixed together by mechanical means, adjustable lugs with split end tail fixed to each jamb including fixing superior quality heavy duty Stainless Steel Butt Hinges 100mm long with the frame using SS-MS welding process and SS Screws all as per specifications including provision of mortar guards, lock strike – plate and shock absorbers as specified, filling the hollow box space with the 1:2:4 cement concrete (6.7 mm down coarse aggregate to be used), water cured for minimum 7 Days before fixing the same and applying two coats of approved brand synthetic enamel paint on exposed surface over a coat of approved steel primer on entire surface (interior and exterior) after pre- treatment of the surface, drilling holes of specified diameter and depth with the provision of high quality rubber/PVC sleeves for accommodating male parts of door fittings such as aldrops and tower bolts etc. all complete including cost of all material and labour as per drawing, specifications and as directed by Engineer–In charge. 41.2 Profile D 125 x 60mm double rebate type	Mtr.	1165	700		8,15,500
						Rupees Seven Hundreds Only
38	Structural steel work riveted, bolted or welded in built up sections, trusses and frame work M.S. door & fix ventilators, anchors etc made out M.S. angle, channels, flats, rods, bars, weld mesh, M.S. pipe etc including supplying, cutting, hoisting, fixing in position and applying two coat of approved quality synthetic enamel paint over a priming coat of approved steel primer all complete as per standard design, including the cost of all material and labour complete- as per drawings , specifications & direction of engineer in charge.	Kg	1200	110		1,32,000
						Rupees One Hundreds Ten Only

Name of Work: Construction of 9 barracks (for 126 nos. Jawans) & upgradation of 204 Nos. (17 Block) Type-I (A) Quarters in G+2 structures including development of associated external infrastructure works at CISF colony Sentab, RR Site.

WO / SOQR Number : 64724

Agency Name : M/s MADHUSUDAN ENGINEERING CO.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
		Rate in Words				
39	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	Kg	300	540		1,62,000
						Rupees Five Hundreds Forty Only
40	Providing and fixing M.S. grills of required pattern in frames of windows, ventilators, balconies etc. with M.S.flats, square or round bars ets. all complete including applying two coat of approved quality synthetic enamel paint over a priming coat of approved steel primer: Fixed to steel/aluminium window by welding/riveted or bolted all complete as per standard design, drawing, specification and direction of engineer in charge. MS grill design & drawing shall be prepared & submitted by the contracting agency for the approval of EIC.	Kg	24650	110		27,11,500
						Rupees One Hundreds Ten Only
41	Providing and fixing factory made 35 mm thick both side laminated flush door shutters single / Double leaf conforming to IS ; 2202(part-1) of make KITPLY/ GREENLAM / CENTURY as approved by EIC with Block board core & frame of well seasoned hard wood, cross band made from BWP grade veneers and commercial BWP grade face veneers on both sides of shutter including providing and fixing 2nd class teak wood leaping of suitable size and shape all around the edges including supply and fixing of approved brand stainless steel fixtures like Tower bolt (size-250mm long rod size 12mm), Tadi latch (300mm long rod size 14mm), Aldrop (300X16mm), Handles plate type - 100mm size (size shall be confirming to IS:208) - 02 nos. of each leaf, Magnetic Cather etc. complete as per drawings, specifications and direction of Engineer. (Door skin shall be 1.0 mm thick on front face and 0.8mm thick on back face with the provision of edge bending of decorative high pressure laminated sheet of plain/wood grain in gloss/ matt/ suede finish with high density protective surface layer of make KITPLY / GREENLAM / CENTURY as approved by EIC). Note - actual area of shutter will be paid.	Sqm	100	3600		3,60,000
						Rupees Three Thousand Six Hundreds Only
42	Providing and fixing structural steel fly mesh door shutter of approved design made out of M.S. angle /flat/rod etc. including providing & fixing Stainless steel (Grade 304) Wire mesh of 24gauge of 12 mesh per 2.5 cm in either direction including SS fitting and fixtures i.e. handle plate type - 100mm size (size shall be confirming to IS:208) (2 nos. for each leaf), Aldrop 300mm long (01 no), tower bolt 200mm long (01 no. for each leaf) etc all complete, including painting two coat of approved brand synthetic enamel paint over a coat of primer on structural steel members as per approved drawing, specifications and direction of Engineer - in Charge. Note : - 1. The door shall be airtight by suitable means i.e. rubber / PVC strip to prevent the entry of insects/flies/mosquitoes etc. 2. Rate of SS wiremesh, SS fitting and fixtures, rubber / PVC strip are to be included in the quoted rate and no payment shall be made for providing and fixing the same.	Kg	1800	110		1,98,000
						Rupees One Hundreds Ten Only
43	Providing and fixing double leaf cupboard shutters with frame fabricated from 18-19mm thick BWP grade block board conforming to IS:1659, Kit board gold / Greenlam / Century make with laminate of approved make (Kit ply / Greenlam / Century) and shade on both faces (1 mm thk. laminate on front face and 0.8 mm thk. on back face with the provision of edge bending) including lInd class teak wood lipping of 19mm wide x 6 mm thick with necessary S.S screws and bright finished heavy duty stainless steel fixtures of approved brand (two nos handles plate type - 100mm size (size shall be confirming to IS:208), two nos. magnets, two nos. tower bolt of 100mmx10mm rod size, one nos. hasps and steples etc.), Stainless Steel Butt hinges / S.S. piano hinges etc. as approved all complete as per drawings, specifications and directions of Engineer-in-charge with Note - actual area of shutter with frame will be paid.	sqm	550	3000		16,50,000
						Rupees Three Thousand Only

Name of Work: Construction of 9 barracks (for 126 nos. Jawans) & upgradation of 204 Nos. (17 Block) Type-I (A) Quarters in G+2 structures including development of associated external infrastructure works at CISF colony Sentab, RR Site.

WO / SOQR Number : 64724

Agency Name : M/s MADHUSUDAN ENGINEERING CO.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
						Rate in Words
44	Providing and fixing colour anodized aluminium work for doors, windows, ventilators and partitions as per the material, fabrication and dimensional specifications/ requirement of IS: 1948 from aluminum alloy extruded sections, tubular / appropriate Z and or other sections of approved make conforming to grade HE9-WP of IS : 733 and HV9-WP of IS: 1285, fixed with raw plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required neoprene felt and silicon whether sealant etc. Aluminium sections shall be smooth, rust free, straight, mitered and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling. C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. : For shutters of doors, windows & ventilators including providing and fixing approved ss hinges/ pivots/ rollers suitable for sliding / openable window and providing and fixing approved fittings i.e. two handle with locking arrangement for each sliding window shutter and one handle as well as two tower bolt for each glass / jali shutter with provisions of one gate hook for each glass shutter for openable window wherever required as approved including the cost of neoprene gasket all complete: colored anodized coated aluminium (thickness of anodized coating 15 micron). The finished arrangement shall be fully water tight. Note : 1. Payment of Glazing / SS wire mesh to be paid in relevant item in line with their specifications. 2. Cost of SS hinges / pivot / rollers are to be included in the quoted rate and no payment shall be made for providing and fixing the same.	Kg	13200	480		63,36,000
						Rupees Four Hundreds Eighty Only
45	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with neoprene gasket and silicon sealant etc. complete as per the architectural drawings and the directions of engineer-in-charge. With float glass panes of 4.0 mm thickness (Cost of aluminium snap beading shall be included in basic item)	Sqm	675	900		6,07,500
						Rupees Nine Hundreds Only
46	Providing & Fixing of approved quality of 6 mm thick plain glass in required size as Directed by the Engineer-in-Charge.	Sqm	3	1300		3,900
						Rupees One Thousand Three Hundreds Only
47	Providing & fixing Stainless steel (Grade 304) Wire mesh of 24gauge of 12 mesh per 2.5 cm in either direction including supplying and fixing with required size U section aluminium beading over existing Aluminum window at all height etc. complete as directed the Engineer.	Sqm	675	800		5,40,000
						Rupees Eight Hundreds Only
48	Providing and fixing 30mm thick factory made pre-laminated PVC door shutter of approved make and design consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make. M.S. frame covered with 5 mm thick heat molded PVC 'C' channel of size 30 mm thickness, 95 mm width out of which 75mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 115 mm wide PVC sheet out of which 95 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 140 mm wide PVC sheet out of which 100mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. including all SS fitting and fixtures such as 1 nos Tadi latch 200mm longx12mm rod size, 2 nos. tower bolt 250mm x 12mm, 2 nos. plat type handles - 100mm size (size shall be confirming to IS:208) of approved brand complete as per drawing, specification & direction of Engineer-in-charge.	Sqm	60	3500		2,10,000
						Rupees Three Thousand Five Hundreds Only

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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
		Rate in Words				
49	Applying Birla/JK/Asian white cement based wall putty (two coats) including base coat of alkaline resistance cement primer over cement plaster/ concrete surfaces after cleaning / scrubbing of the surfaces with wire brushes, soft brushes, sand papers, steel sheet scrappers and mechanical grinder etc. for removing all kind of burrs, imperfections, undulations and other such defects existing in the surface to achieve plain & even surface. including the cost of materials, labour etc. all complete as per direction of Engineer-in-Charge.	Sqm	34200	80		27,36,000
				Rupees Eighty Only		
50	Supply and application of Distemper of make Tractor aqualoc distemper (code 0013) of asian brand / Nerolac beauty acrylic distemper /Bison super distemper of Berger as approved to give an even shade: two coats over and including priming coat of approved primer of make Asian truecare interior wall primer (0360) / Nerolac premium primer water thinnable/ BP cement primer water thinnable of Berger as approved over well and evenly prepared concrete / plastered new / old surfaces including the cost of materials, consumables, labour, scaffolding, protective gears, housekeeping etc. complete as per the direction of engineer. The item rate includes spreading of suitable clean protection covering on all exposed surfaces to protect them from staining. All surfaces surrounding to painted area such as door & window frames, glass pans, electrical fittings, switch board, floors, skirting, platform etc. shall be cleaned to sparkling clean condition using suitable thinners, detergents, chemical cleaners etc. under the scope of the item. including the cost of materials, labour etc. all complete as per specification & direction of Engineer-in-Charge. Note:- Painting to be takenup after attending all seepage / leakage problem. No peel off of paint & seepage spots shall be allowed.	Sqm	21000	105		22,05,000
				Rupees One Hundreds Five Only		
51	Supplying and applying wheather proof exterior emulsion paint of make Apex dust proof (code 0012) of Asian paint / Nerolac excel / Weather coat smooth of Berger as approved of required shade on New work Two coats including base coat of exterior wall primer of make Asian Truecare exterior wall primer (0065) / Nerolac exterior primer / Weather coat exterior primer of Berger as approved after cleaning / scrubbing of the surfaces with wire brushes, soft brushes, sand papers, steel sheet scrappers and mechanical grinder etc. for removing all kind of burrs, imperfections, undulations and other such defects existing in the surface including filling surface imperfections such as holes, dents, cracks by using mixture of white cement & fine sand (in the ratio of 1:3) to achieve plain & even surface. The item rate include spreading of suitable clean protection covering on all exposed surfaces to protect them from staining. All surfaces surrounding to painted area such as window / ventilator frames, glass pans etc. shall be cleaned to sparkling clean condition using suitable thinners, detergents, chemical cleaners etc. under the scope of the item. including the cost of materials, labour etc. all complete as per specification & direction of Engineer-in-Charge. Note:- Painting to be takenup after attending all seepage / leakage problem. No peel off of paint & seepage spots shall be allowed.	Sqm	12900	130		16,77,000
				Rupees One Hundreds Thirty Only		
52	Supplying and application of 2 coats of Synthetic Enamel Paint (Asian Utsav Enamel Paint: Product Code No 0053 or similar quality in Berger / Nerolac) on New / Old Concrete / Plastered / Steel / Wooden surfaces after application of primer coat (Asian Paint Metal Primer: Product Code 0005 or similar quality in Berger / Nerolac) on the surfaces well prepared through scrapping, scrubbing, grinding and cleaning using wire brushes, soft brushes & sand papers etc. including cost of materials, labour, consumables cleaning of area after painting etc. complete as per direction of Engineer-in-Charge. The item rate includes the cost of spreading suitable clean protection covering on all exposed surfaces to protect them from staining, cleaning of old stained / freshly stained surfaces surrounding to painted area such as door - window frames & glass panes, electrical fittings, switch boards, floors, skirting, platform etc. to sparkling clean condition with the use of suitable thinners, detergents, chemical cleaners etc.	Sqm	3000	170		5,10,000
				Rupees One Hundreds Seventy Only		

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WO / SOQR Number : 64724

Agency Name : M/s MADHUSUDAN ENGINEERING CO.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
		Rate in Words				
53	Providing and fixing M.S. fan clamp of 16mm dia M.S. bar bent to shape with locked ends in R.C.C slabs, beams during laying including painting the exposed portion of loop, all as per standard design, all complete- as per drawings, specifications & direction of engineer in charge.	Each	312	120		37,440
				Rupees One Hundreds Twenty Only		
54	Providing and applying Two coats of SBR Latex mixed with cement in specified proportion (cement mixed with waterproofing material such as PIDICRETE URP of Dr. FIXIT / Hydro proof extra of fosroc / Shalcrete-R of STP Ltd. / Tapcrete P-151 of Cico technologies conforming to relevant IS as approved by engineer in charge in the proportion as recommended by manufacturers forming 300 - 400 microns thick layer in 2 coats of application on treated surface, RCC sunken slab or where ever required including hacking/cleaning and washing the surface etc. all complete as per specification and direction of engineer in charge. Note:- The whole treated area shall be flooded with water for a minimum period of 4 days for water tightness test.	Sqm	180	400		72,000
				Rupees Four Hundreds Only		
55	Providing angular fillets 75mm x 75mm of cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate of 20 mm nominal size) as per drawings, specification & direction of engineer incharge.	Rm	1100	35		38,500
				Rupees Thirty Five Only		
56	Providing and laying in proper slope (1 in 40 to 1 in 60) integral cement based water proofing treatment including preparation of surface by hacking, cleaning and washing the roof top as required for treatment of roofs, balconies, terraces etc consisting of following operations: a) Applying two coat of waterproof cement slurry (cement mixed with waterproofing material such as PIDICRETE URP of Dr. FIXIT / Hydro proof extra of fosroc / Shalcrete-R of STP Ltd. / Tapcrete P-151 of Cico technologies confirming to relevant IS as approved by engineer in charge in the proportion as recommended by manufacturer) on the prepare surface over the RCC slab including adjoining walls up to 300mm height. b) Laying machine mixed brick bats with mortar using broken bricks/brick bats 25 mm to 100mm size with 50% of cement mortar 1: 4 (1 cement : 4 coarse sand) admixed with approved water proofing compound in the proportion as recommended by manufacturer (Cico No.1 of Cico technologies or similar approved product of Pidilite / Fosroc / STP Ltd. as approved by engineer in charge) conforming to relevant IS over 20 mm thick layer of cement mortar of mix 1: 4 (1 cement : 4 coarse sand) admixed with approved waterproofing compound in the proportion as recommended by manufacturer (Cico No.1 of Cico technologies or other similar approved product of Pidilite / Fosroc / STP Ltd. as approved by engineer in charge) conforming to relevant IS to required slope and treating similarly the adjoining walls up to 300mm height including rounding of junction of walls and slabs.					
56.1	c) After two Days of proper curing applying a coat of cement slurry using 2.75 kg/sqm of cement admixed with approved water proofing compound in the proportion as recommended by manufacturer (Cico No.1 of Cico technologies or similar approved product of Pidilite / Fosroc / STP Ltd. as approved by engineer in charge) conforming to relevant IS. d) Finishing the entire surface (horizontal as well as vertical) with 25mm thick jointless cement concrete of mix 1:1.5:3 (1 cement : 1.5 coarse sand : 3. 10mm down aggregate) admixed with approved water proofing compound in the proportion as recommended by manufacturer (Cico No.1 of Cico technologies or similar approved product of Pidilite / Fosroc / STP Ltd. as approved by engineer in charge) conforming to relevant IS including finally finishing the surface with trowel with neat cement slurry and making pettern of size 100x100mm Sqare 3mm deep. e) The whole terrace so finished shall be flooded with water for minimum period of two week for curing and for final test. All above operations to be done in order and as directed and specified by the Engineer – In charge. :The average thickness of brick bat coba shall be 120mm and minimum thickness at khurra as 65mm. before laying 25mm thk. CC (1:1.5:3) (Payment shall be made for plan area of roof treated)	Sqm	1350	1050		14,17,500
				Rupees One Thousand Fifty Only		

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WO / SOQR Number : 64724

Agency Name : M/s MADHUSUDAN ENGINEERING CO.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
		Rate in Words				
57	Providing and fixing Orissa pattern Water Closet (OP 23 (Open rim) of H & R Johnson / Orissa C0117 of Parryware/ Orissa Colvin S3010108SN of CERA as approved with low level placed PVC flushing cistern (Dual Flush Tank {white} of H & R Jhonson / CERA/ Parry) connected with 32 mm dia PVC flush pipe with all fittings and brackets with C.P. brass angle cock with CP flange (Clarion cat No. CQT 23059 make of JAQUAR or similer approved quality in KOHLER / GROHE and 15 mm dia high quality PVC inlet connection of required length with all accessories, fittings & fixtures of best quality and brand. Item includes essentially following. (a). Orissa pattern white glazed viterous china W.C. pan of size 580mm x 440mm of approved brand and 100mm dia sand cast iron 'P' trap. (b). Low level placed PVC flushing cistern Dual Flush Tank (white) of H & R Johnson (P2829PW) / Parry (Slim-line E8319 Hexa) / Compass duel flush cistron B1020106SN as approved with all accessories complete. (c). 15mm dia PVC inlet connection of required length of approved brand with heavy duty C.P. brass unions and rubber washer etc. (d). 15mm dia C.P. brass angle valve with C.P. flange of superior quality (Jaquar Clarion cat. No. CQT 23059 or similer approved quality of KOHLER / GROHE as approved).	Each	9	6500		58,500
		Rupees Six Thousand Five Hundreds Only				
58	Providing and fixing European type white glazed vitreous china ware water closet concealed S trap of 'H&R JOHNSON' (Ruby concealed trap EWC P0448PW / 'PARRYWARE' (NIAGARA C0252(S) / 'CERA' (CIGNIA Concealed S1051108 S trap) as approved with Germfree EWC solid seat cover with C.P. brass hinges and rubber buffers of approved brand, with low level placed PVC flushing cistern (Dual Flush Tank white) connected with 32 mm dia PVC flush pipe with fittings and brackets, 15mm dia PVC inlet connection of required length and approved brand, 15mm dia C.P. brass angle valve with C.P. flange of superior quality all complete as per specification and direction of engineer in charge comprising following accessories: (a). White vitreous china wash down European type W.C. pan with white vitreous china 'S' trap of approved brand. (b). Germfree EWC solid seat cover (white) of H&R Johnson (P0424PW) / Parry (E8094) / Cera (Carina plus B1510106) with C.P. brass hingesand rubber buffers of approved brand (c). Low level placed PVC flushing cistern Dual Flush Tank (white) of H & R Johnson (P2829PW) / Parry (Slim-line E8319 Hexa) / Compass duel flush cistron B1020106SN as approved with all accessories complete. (d). 15mm dia heavy duty PVC inlet connection of required length and approved brand with brass unions complete. (e). 15mm dia C.P. brass angle valve with C.P. flange of superior quality (Jaquar clarion cat. No. CQT 23059 or similer approved quality of KOHLER/GROHE as approved). (f). Jet spray provision of ESSCO make ALE-ESS 547 with 1Meter PVC tube (stainless steel) with 01 nos 15mm dia CP brass angle valve with Cp flange of Jaquar clarion (Code CQT 23059) or similer approved quality of KOHLER/GROHE as approved.	Each	9	7500		67,500
		Rupees Seven Thousand Five Hundreds Only				
59	Providing and fixing in position white glazed vitreous under counter oval shape china ware wash basin of make H&R JOHNSON / 'PARRY' / "CERA" as approved comprising of following accessories jointed watertight as given below: (a). One no. oval shape white wash basin H&R JOHNSON CRESS (UC WB P0813PW size 550x450mm) / 'PARRY' (Cascade NXT C0407 size550x445mm) / "CERA" (Oval under counter S2030104 size560x470mm) as approved. (b). One no. 32mm dia C.P. brass waste coupling with C.P. grating of Cat. No. ALD709 of Jaquar or similar approved quality of KOHLER/GROHE as approved. (c). One no. 32mm dia C.P. brass bottle trap with wall flange and connected C.P. pipe of cat. No ALD 769 of Jaquar or similar approved quality of KOHLER/GROHE as approved. (d). Two nos. 15mm dia C.P. brass angle valve with C.P. flange of superior quality (Jaquar CLARION cat. No. 23059 or similar approved quality of KOHLER/GROHE as approved). (e). One no. central hole C.P. brass basin mixer without popup waste system with 450mm long braided hoses of superior quality (Jaquar clarion cat. no. CQT 23167B or similar approved quality of KOHLER/GROHE as approved). (f). 32mm dia B class G.I. waste pipe (concealed) of required length (from bottle trap to nahani trap) including painting with anti corrosive bituminous paint.	Each	27	6500		1,75,500
		Rupees Six Thousand Five Hundreds Only				

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WO / SOQR Number : 64724

Agency Name : M/s MADHUSUDAN ENGINEERING CO.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
						Rate in Words
60	Providing and fixing white vitreous china flat back lipped urinal basin of CERA (CAPRIANA size 375x390x590 mm) / PARYWARE (NEW MAGNUM C0575 size 380x405x590 mm) / H&R JOHNSON (TOPAZ HALF STALL Urinal size 390x360x615mm) as approved with Urinal valve auto closing system with built - in control cock & wall flange (Jaquar PRS - 077 or equivalent quality of GROHE/KOHLER as approved), Standard flush pipe, C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required.	Each	18	8000		1,44,000
						Rupees Eight Thousand Only
61	Providing and fixing C.P. brass wall mixer with 3 in 1 system with provision for both hand shower and over head shower complete with 115mm long bend pipe on upper side, connecting legs and flanges (without hand & over head shower) CQT - 23281UPR of Jaquar Clarion series or similar approved quality of GROHE/KOHLER as approved.	Each	18	3000		54,000
						Rupees Three Thousand Only
62	Providing and fixing C.P. brass Angular stop cock with C.P. flange and PVC/CP connecting pipe of required length for geyser points of superior quality (Jaquar Clarion cat no. 23059 or similar approved quality of GROHE/KOHLER as approved) : 15 mm nominal bore.	Each	18	800		14,400
						Rupees Eight Hundreds Only
63	Providing and fixing C.P. brass bib cock with C.P. flange of superior quality (Jaquar Clarion cat no. 23047 or similar approved quality of GROHE/KOHLER as approved) : 15 mm nominal bore.	Each	18	850		15,300
						Rupees Eight Hundreds Fifty Only
64	Providing and fixing C.P. brass shower rose with Shower arm 190mm long and wall flange of superior quality (Jaquar cat no. OHS 1989 & SHA 477 or similar approved quality of GROHE/KOHLER as approved).	Each	18	1200		21,600
						Rupees One Thousand Two Hundreds Only
65	Providing and fixing class 'B' G.I. pipe of approved brand confirming to IS 1239 of following nominal bore with all fittings and specials of heavy duty as required including cutting the walls, floors trenching & refilling as required, making them good, clamping on wall of approved quality claimps as per specifications, testing the line etc. complete as per drawings, specifications and direction of engineer. 15mm dia nominal bore. Concealed pipe painted with anticorrosive bitumestic paint of approved brand.	Mtr.	90	350		31,500
						Rupees Three Hundreds Fifty Only
66	Providing and fixing class 'B' G.I. pipe of approved brand confirming to IS 1239 of following nominal bore with all fittings and specials of heavy duty as required including cutting the walls, floors trenching & refilling as required, making them good, clamping on wall of approved quality claimps as per specifications, testing the line etc. complete as per drawings, specifications and direction of engineer. 20mm dia nominal bore. Concealed pipe painted with anticorrosive bitumestic paint of approved brand.	Mtr.	90	400		36,000
						Rupees Four Hundreds Only
67	Providing and fixing class 'B' G.I. pipe of approved brand confirming to IS 1239 of following nominal bore with all fittings and specials of heavy duty as required including cutting the walls, floors trenching & refilling as required, making them good, clamping on wall of approved quality claimps as per specifications, testing the line etc. complete as per drawings, specifications and direction of engineer. 15mm dia nominal bore. Exposed on wall	Mtr.	180	350		63,000
						Rupees Three Hundreds Fifty Only
68	Providing and fixing class 'B' G.I. pipe of approved brand confirming to IS 1239 of following nominal bore with all fittings and specials of heavy duty as required including cutting the walls, floors trenching & refilling as required, making them good, clamping on wall of approved quality claimps as per specifications, testing the line etc. complete as per drawings, specifications and direction of engineer. 20mm dia nominal bore exposed on wall.	Mtr.	45	380		17,100
						Rupees Three Hundreds Eighty Only

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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
						Rate in Words
69	Providing and fixing class 'B' G.I. pipe of approved brand confirming to IS 1239 of following nominal bore with all fittings and specials of heavy duty as required including cutting the walls, floors trenching & refilling as required, making them good, clamping on wall of approved quality claimps as per specifications, testing the line etc. complete as per drawings, specifications and direction of engineer. 25mm dia. nominal bore exposed on wall	Mtr.	75	450		33,750 Rupees Four Hundreds Fifty Only
70	Providing and fixing class 'B' G.I. pipe of approved brand confirming to IS 1239 of following nominal bore with all fittings and specials of heavy duty as required including cutting the walls, floors trenching & refilling as required, making them good, clamping on wall of approved quality claimps as per specifications, testing the line etc. complete as per drawings, specifications and direction of engineer. 32mm dia. nominal bore exposed on wall	Mtr.	500	450		2,25,000 Rupees Four Hundreds Fifty Only
71	Providing and fixing class 'B' G.I. pipe of approved brand confirming to IS 1239 of following nominal bore with all fittings and specials of heavy duty as required including cutting the walls, floors trenching & refilling as required, making them good, clamping on wall of approved quality claimps as per specifications, testing the line etc. complete as per drawings, specifications and direction of engineer. 40mm dia. nominal bore exposed on wall	Mtr.	75	600		45,000 Rupees Six Hundreds Only
72	Providing and fixing 25mm nominal bore ball valve (brass) of approved quality, High or low pressure, with 150mm dia approved quality plastic floats with complete accessories.	Each	6	300		1,800 Rupees Three Hundreds Only
73	Providing and fixing in position heavy duty gun metal wheel valve screw down type confirming to IS: 778 latest revision of approved make including the cost of all jointing materials, fittings and testing etc. complete as per specifications of the following nominal bore. - 25mm dia	Each	12	400		4,800 Rupees Four Hundreds Only
74	Providing and fixing in position heavy duty gun metal wheel valve screw down type confirming to IS: 778 latest revision of approved make including the cost of all jointing materials, fittings and testing etc. complete as per specifications of the following nominal bore. - 32mm dia	Each	6	550		3,300 Rupees Five Hundreds Fifty Only
75	Providing and fixing in position heavy duty gun metal wheel valve screw down type confirming to IS: 778 latest revision of approved make including the cost of all jointing materials, fittings and testing etc. complete as per specifications of the following nominal bore. - 40mm dia	Each	6	650		3,900 Rupees Six Hundreds Fifty Only
76	Providing & Fixing of approved quality Gun Metal FERRULE Heavy Duty as Directed by the Engineer-in-Charge. : 20 mm dia.	Each	6	200		1,200 Rupees Two Hundreds Only
77	Providing & fixing M.S. manhole cover and frame for water tank of size 600mm X 600mm (inside clear) cover shall be made out of 35mm X 35mm X 5mm M.S. angle & 5mm thick M.S. plate cover, frame shall be made out of 50x50x5mm thick MS angle and hinges to the frame and fixing the frame with proper anchors to the water tank's concrete slab and providing handle and locking arrangement complete including painting with two coats of synthetic enamel paint of approved make and shade over one coat of red oxide zinc chromate primer etc. complete as per design drawings and specifications.	Each	6	2500		15,000 Rupees Two Thousand Five Hundreds Only
78	Providing and fixing G.I. pipe (class B) embedded part in water tank walls of 500 mm length & welded with 5mm thick M.S. plate puddle flange of size 150 mm X 150 mm including cutting, threading the G.I. pipe all complete as per drawings, specifications and direction of engineer. 25mm dia	Each	6	220		1,320 Rupees Two Hundreds Twenty Only

Name of Work: Construction of 9 barracks (for 126 nos. Jawans) & upgradation of 204 Nos. (17 Block) Type-I (A) Quarters in G+2 structures including development of associated external infrastructure works at CISF colony Sentab, RR Site.

WO / SOQR Number : 64724

Agency Name : M/s MADHUSUDAN ENGINEERING CO.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
						Rate in Words
79	Providing and fixing G.I. pipe (class B) embedded part in water tank walls of 500 mm length & welded with 5mm thick M.S. plate puddle flange of size 150 mm X 150 mm including cutting, threading the G.I. pipe all complete as per drawings, specifications and direction of engineer. 32mm dia	Each	6	280		1,680
						Rupees Two Hundreds Eighty Only
80	Providing and fixing G.I. pipe (class B) embedded part in water tank walls of 500 mm length & welded with 5mm thick M.S. plate puddle flange of size 150 mm X 150 mm including cutting, threading the G.I. pipe all complete as per drawings, specifications and direction of engineer. 40mm dia	Each	6	300		1,800
						Rupees Three Hundreds Only
81	Providing and fixing GI pipe (medium class) spout 300 mm long embedded in balcony/stair case/chhajja including cutting the GI pipe etc. all complete as per drawings, specifications and direction of engineer. : 32mm dia	Each	3	150		450
						Rupees One Hundreds Fifty Only
82	Providing and fixing in position 15mm dia G.I. pipe of medium class for ward robe with minimum insert 40mm in both sides of walls and grouting the same with cement mortar 1:3 (1 cement : 3 fine sand) including painting with two coats of synthetic enamel paint over a coat of primer.	Rm	110	200		22,000
						Rupees Two Hundreds Only
83	Providing, laying and jointing salt glazed stone ware pipe (conforming to IS : 651 latest revision) with cement mortar 1:1 (1 cement: 1 fine sand) with spun yarn impregnated with cement slurry including surrounding or encasing the pipes with providing and laying 150mm thick cement concrete 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate of 20 mm nominal size) and testing of joints for leak tightness, curing etc. complete as per drawings, design and specifications of following internal diameters.- 100 mm dia	Mtr.	50	600		30,000
						Rupees Six Hundreds Only
84	Providing, laying and jointing salt glazed stone ware pipe (conforming to IS : 651 latest revision) with cement mortar 1:1 (1 cement: 1 fine sand) with spun yarn impregnated with cement slurry including surrounding or encasing the pipes with providing and laying 150mm thick cement concrete 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate of 20 mm nominal size) and testing of joints for leak tightness, curing etc. complete as per drawings, design and specifications of following internal diameters.- 150 mm dia	Mtr.	50	800		40,000
						Rupees Eight Hundreds Only
85	Providing and laying or fixing in position, under floor or against walls, ISI market Centrifugal cast iron, socket and spigot soil, waste, ventilation pipes and fittings including cost of all fittings like bends, offset tees, tapers, collars, connection plugs, shoes, cowls and clamps confirming to IS : 3989 and jointing with tarred spun yarn and molten pig lead, caulking the joints, testing and painting with two coats of approved paint of required shade including cutting chase or holes in walls and floors and making good where required etc. complete. - 50 mm dia.	Mtr.	60	1000		60,000
						Rupees One Thousand Only
86	Providing and laying or fixing in position, under floor or against walls, ISI market Centrifugal cast iron, socket and spigot soil, waste, ventilation pipes and fittings including cost of all fittings like bends, offset tees, tapers, collars, connection plugs, shoes, cowls and clamps confirming to IS : 3989 and jointing with tarred spun yarn and molten pig lead, caulking the joints, testing and painting with two coats of approved paint of required shade including cutting chase or holes in walls and floors and making good where required etc. complete - 75mm dia.	Mtr.	135	1250		1,68,750
						Rupees One Thousand Two Hundreds Fifty Only
87	Providing and laying or fixing in position, under floor or against walls, ISI market Centrifugal cast iron, socket and spigot soil, waste, ventilation pipes and fittings including cost of all fittings like bends, offset tees, tapers, collars, connection plugs, shoes, cowls and clamps confirming to IS : 3989 and jointing with tarred spun yarn and molten pig lead, caulking the joints, testing and painting with two coats of approved paint of required shade including cutting chase or holes in walls and floors and making good where required etc. complete - 100mm dia	Mtr.	100	1400		1,40,000
						Rupees One Thousand Four Hundreds Only

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Agency Name : M/s MADHUSUDAN ENGINEERING CO.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
						Rate in Words
88	Providing and fixing in position C.I. floor trap of self cleaning design 100mm inlet and 75 mm outlet with C.P. grating on top including embedding in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) etc. complete as per drawings, specifications and as directed by engineer.	Each	54	1000		54,000
						Rupees One Thousand Only
89	Providing and fixing on wall face / embedded in ground un plasticized Rigid PVC Rain water pipes of Jain Irrigation / Finolex / Supreme/ Prince as approved conforming to IS:13592 type A (4 Kg/Cm2) including shoes, bends, clamps etc. all complete jointing with seal ring leaving 10 mm for thermal expansion (I) single socketed pipes:110 mm dia.	Mtr.	930	475		4,41,750
						Rupees Four Hundreds Seventy Five Only
90	Providing and laying non-pressure NP2 class (light duty) R.C. hume pipes jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete: 150mm dia. R.C.C. pipe.	Mtr.	30	500		15,000
						Rupees Five Hundreds Only
91	Providing and laying non-pressure NP2 class (light duty) R.C. hume pipes jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete: 200mm dia. R.C.C. pipe.	Mtr.	200	600		1,20,000
						Rupees Six Hundreds Only
92	Providing and laying non-pressure NP2 class (light duty) R.C. hume pipes jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete: 300mm dia. R.C.C. pipe.	Mtr.	30	900		27,000
						Rupees Nine Hundreds Only
93	Providing and fixing in position best quality salt glazed stone ware 150mm X 150mm size square mouth gully trap with C.I. grating and 100mm P type outlet with 40mm thick precast cement conc. Cover fixed in M.S. angle frame (made out of required size angle) at top and constructing brick masonry chamber 300mm X 300mm internal size in 115mm thick brick masonry in cement mortar 1:4 (1 cement : 4 fine sand) with necessary excavation in all types of soils, bed of 100mm thick cement concrete 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate of 40mm nominal size) for foundation and around the trap and plastering with cement mortar 1:4 (1 cement : 4 fine sand) 15mm thick on internal and external surfaces, on top and upto 150mm below ground level, finished smooth, curing and fixing M.S. angle frame and precast conc. cover in 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20mm nominal size) and painting the grating & frame with two coats of approved anticorrosive paint etc. complete as per drawings and specifications. Note :- Reinforcement and MS angle frame shall be paid in relevant item.	Each	18	1200		21,600
						Rupees One Thousand Two Hundreds Only
94	Construction of fly ash brick masonry inspection chamber up to 1000 mm depth of inside clear dimension 900mm X 600mm with 230mm thick brick wall in cement mortar 1:4 (1 cement : 4 fine sand) 150mm thick foundation cement concrete 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate of 20mm nominal size) and plastering inside and outside with cement mortar 1:4 (1 cement : 4 fine sand) 15mm thick finished smooth, benching cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) in the bottom of chamber including providing and fixing 75mm thick precast cement cone. Cover slab protected by MS angle frame of required size all around, fixed in frame of size 900mmx600mm (in side clear) made out of M.S. angle of required size, embedding the frame in 75mm thick CC top coping of mix 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20mm nominal size) including centering, shuttering, finishing, curing and painting the frame with two coats of approved anticorrosive paint etc. complete as per design, drawings and specifications. Note Reinforcement, M.S. angle frames and excavation are paid in relevant item.	Each	15	5000		75,000
						Rupees Five Thousand Only

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Agency Name : M/s MADHUSUDAN ENGINEERING CO.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
		Rate in Words				
95	Extra for every additional depth of 100mm or part there of beyond 1000mm of above item no. 94	Mtr.	30	3000		90,000
					Rupees Three Thousand Only	
96	Constructing of brick masonry circular type manhole 0.91 m internal dia at bottom and 0.56m dia at top in cement mortar 1:4 (1 cement : 4 coarse sand), in side cement plaster 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement, foundation concrete 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size), and making necessary channel 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, all complete as per standard design : 0.91 m deep with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560 mm internal diameter conforming to I.S. 12592, total weight of cover and frame to be not less than 182 kg., fixed in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including centering, shuttering all complete. (Excavation, foot rests and cement plaster at the external surface shall be paid for separately) : With fly ash bricks of class designation 75	Each	11	8500		93,500
					Rupees Eight Thousand Five Hundreds Only	
97	Extra depth for circular type manhole 0.91m internal dia (at bottom) beyond 0.91 m to 1.67 m With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 for above item no. 96	Rm	9	5500		49,500
					Rupees Five Thousand Five Hundreds Only	
98	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement and making necessary channels for the drain etc. complete: For pipes 100 to 230 mm diameter.	Each	5	800		4,000
					Rupees Eight Hundreds Only	
99	Providing and fixing of pelmets made out of 18 mm thick (one side laminated other side balancing white with 600 kg /Cum density) and 120 mm wide solid PVC sheet of approved brand & shade including nickle plated S.S. Pipe 20 mm dia. (heavy type) curtain rod with brackets, including fixing with 25x3 mm M.S. Flat 10 cm long fixed to pelmet on both inner side of pelmet and rawl plugs 75 mm long etc. all complete in all respect as per specification & direction of engineer-in-charge. Note- only length of pelmet (No over change shall be paid)	Rm	3150	400		12,60,000
					Rupees Four Hundreds Only	
100	Providing and fixing cut edge mirror 6mm thick of overall size 600X450mm especially fabricated with superior glass (of approved quality) with designer acrylic PVC frame of approved colour and make mounted around with 6mm thick non-water absorbent Acrylic/PVC material backing fixed with cleats, all complete as per the specifications and directions of Engineer.	Each	213	1000		2,13,000
					Rupees One Thousand Only	
101	Providing and fixing cut edge mirror 6mm thick of overall size 1500X600mm especially fabricated with superior glass (of approved quality) with designer acrylic PVC frame of approved colour and make mounted around with 6mm thick non-water absorbent Acrylic/PVC material backing fixed with cleats, all complete as per the specifications and directions of Engineer.	Each	9	2000		18,000
					Rupees Two Thousand Only	
102	Providing & Fixing of 6mm thick 600mm x 125mm wide glass self with rounded edge (alround) with Heavy Duty Aluminium anodized bracket all complete as Directed by the Engineer-in-charge.	Each	231	120		27,720
					Rupees One Hundreds Twenty Only	

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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
						Rate in Words
103	Providing and fixing C.P. brass towel rail of Jaquar Continental cat no. 1111, 600mm long or similar approved quality of GROHE/KOHLER brand including all fixtures and fittings all complete as per specification direction of Engineer-in-charge.	Each	18	1200		21,600 Rupees One Thousand Two Hundreds Only
104	Providing and fixing best quality painted metallic cloth hanger having 460 mm length as approved by engineer in charge and as per specifications.	Each	54	300		16,200 Rupees Three Hundreds Only
105	Surface dressing of ground including removing vegetations and / or inequalities not exceeding 15 cms. Deep and disposal of rubbish upto lead of 50 m and lift upto 1.5 m for all kind of soil.	Sqm	1100	15		16,500 Rupees Fifteen Only
106	Providing and laying M-35 grade and 80mm thick factory made coloured precast cement concrete interlocking pavers block confirming to IS 15658 :2006 made by block making machine with strong vibratory compaction and of approved colour, size and shape pattern laid in required slope over and including 50mm thick compacted bed of fine sand, filling the joints with fine sand etc. all complete as per the specification & direction of Engineer – in– charge.	Sqm	100	1200		1,20,000 Rupees One Thousand Two Hundreds Only
107	Chequered precast cement concrete tiles 22mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand). Dark shade pigment using ordinary cement including finishing & curing work at all level etc. complete as per direction of engineer in charge.	Sqm	100	800		80,000 Rupees Eight Hundreds Only
108	Providing and fixing 9-10mm thick Paving tile of make ENDURA (H&R Johnson)/ Pavigres (Kajaria)/ Kratos (Nitco) as approved required size & shade laid over a base of 20 mm av. thick cement mortar 1:4 (1 cement : 4 coarse sand) including ordinary Portland and polymer based cement slurry including grouting the joints with BAL ENDURA grouts (the joints between the tiles shall be 3mm to 5mm wide and 6mm to 8mm deep as per regular tiling procedure) and curing etc. all complete as per specifications and direction of engineer in charge.	Sqm	100	1200		1,20,000 Rupees One Thousand Two Hundreds Only
109	Providing and fixing up to floor five level RCC precast structural elements / members of size and thicknes as required and as specify by EIC in lintel beam, slab, trench / drain covers etc. in cement concrete 1:1.5:3 mix (1 cement :1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size) with maximum water content of 22.5 ltr. per bag of cement and additional slump generated by adding suitable quality cement admixture including fixing M.S. angle frame of required size all around the precast member to protect the edges wherever required, including hoisting and setting in position with cement mortar 1:3 (1 Cement: 3 coarse sand), Cost of required centering, shuttering including finishing smooth exposed surfaces, curing etc. all complete. at all level as per specification and direction of Engineer-in-charge. Note : Providing fabrication and fixing reinforcement and M.S. angle frame shall be paid in relavant item.	Cum	10	7000		70,000 Rupees Seven Thousand Only
110	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50 x 50mm made of G.I. wire of dia 4mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer – In charge.	Sqm	200	600		1,20,000 Rupees Six Hundreds Only

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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
		Rate in Words				
111	Providing and fixing retro-reflective Cautionary, Mandatory & Informatory sign boards of required size and shape made out of 2 mm thick aluminum sheet face to be fully covered with high intensity encapsulated lens type retro-reflective sheeting, Letters symbols, borders etc. will be as per IRC : 67 with required colors scheme on the boards and with the high intensity grade A as per specification and as approved by Engineer In charge. Note: Structural steel support of specified configuration as required for installing sign - boards shall be paid separately under relevant items.	Sqm	10	2500		25,000
						Rupees Two Thousand Five Hundreds Only
112	Providing and fixing in position premolded expansion joint filler board of 25mm thickness of universal asphalt or Shalitex STP as approved confirming to IS 1838 (part-I) as per specifications.	SqM	40	700		28,000
						Rupees Seven Hundreds Only
113	Providing and fixing in position bitumen hot sealing compound Using grade 'A' sealing compound including cutting of contraction/Expansion/Construction joints in concrete using mechanical concrete cutter including cost of diamond bit cutting wheel etc. For expansion joints of size 25mm X 25mm	Rm	40	20		800
						Rupees Twenty Only
114	Providing & Fixing of Aluminium strip fixed with rawl plug of required thickness for expansion joint as per drawing & Directed by the Engineer-in-Charge.	Kg	5	400		2,000
						Rupees Four Hundreds Only
115	Providing valleys of 90 cm wide overall in plain G.S. sheet for expansion joint fixed with polymer coated J, or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete as per site requirement: 1.60 mm thick	Mtr.	10	1000		10,000
						Rupees One Thousand Only
116	Providing and Placing in position suitable PVC water stops conforming to IS:12200 for construction/ expansion joints between two RCC members and fixed to the reinforcement with binding wire before pouring concrete etc. complete : Serrated with central bulb (225 mm wide, 8-11 mm thick)	Mtr.	40	250		10,000
						Rupees Two Hundreds Fifty Only
117	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar tap, 32 mm C.P. brass waste of standard pattern, including painting of coupling, brackets, cutting and making good the walls wherever require: White Vitreous China Flat back wash basin size 450x 300 mm of approved brand.	Nos.	204	2200		4,48,800
						Rupees Two Thousand Two Hundreds Only
118	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	Cum	340	700		2,38,000
						Rupees Seven Hundreds Only
119	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	Cum	40	600		24,000
						Rupees Six Hundreds Only
120	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge : In cement mortar	Cum	20	850		17,000
						Rupees Eight Hundreds Fifty Only
121	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead : Of area 3 sq. metres and below	Each	615	100		61,500
						Rupees One Hundreds Only

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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
		Rate in Words				
122	Demolishing cement concrete manually by mechanical means including disposal of materials within 50 metres lead as per direction of engineer in charge, 1:3:6 or richer mix.	Cum	30	1000		30,000
						Rupees One Thousand Only
123	Drilling of 40mm dia holes upto 1.00mm depth and providing and grouting with GP-2 conbestra grout complete as per drawing, specification and direction of engineer in charge.	Meter	900	120		1,08,000
						Rupees One Hundreds Twenty Only
124	Add extra for using more cement than specified in item no. 11 or where ever applicable . (Fixed item rate at the rate of Rs 6 per KG)	Kg		6		0
						Rupees Six Only
125	Deduct for using less cement than specified in item no. 11 or where ever applicable.(Fixed item rate at the rate of Rs 6 per KG)	Kg		6		0
						Rupees Six Only
126	Supply, installation, testing & commissioning of concealed conduit Point wiring of 1100 V grade, 1.5 Sqmm, multi stranded, FRPVC insulated copper wire as per commercial colour code. Scope of work includes terminations at both ends. Wire Make : Finolex/ L&T/ Havells.					
126.1	Point wiring for Lamp / Fan/ Exhaust fan/ Tube light etc. Point wiring to be done with 3 runs (phase, neutral & earth) wire. Neutral & earth wire looping shall not be done.	Nos	1474	230		3,39,020
						Rupees Two Hundreds Thirty Only
126.2	Point wiring for Door bell with 2 runs (phase & neutral) of wire.	Nos	204	220		44,880
						Rupees Two Hundreds Twenty Only
127	Supply, Installation, testing and commissioning of main wiring, Sub main wiring, power wiring from Main panel to DB, DB to DB, DB to SB, SB to SB etc. with 1100 grade FRPVC insulated multi stranded copper wires as per commercial colour code. Wire Make : Finolex / L&T/ Havells					
127.1	3 nos. length of 2.5 sq. mm wire.	Metre	22222	73		16,22,206
						Rupees Seventy Three Only
127.2	3 nos. length of 4 sq. mm wire.	Metre	15548	115		17,88,020
						Rupees One Hundreds Fifteen Only
127.3	4 nos. length of 6 sq. mm wire.	Metre	230	175		40,250
						Rupees One Hundreds Seventy Five Only
127.4	4 nos. length of 16 sq. mm wire.	Metre	100	650		65,000
						Rupees Six Hundreds Fifty Only

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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
Rate in Words						
128	Supply and installation of ISI marked 25 mm dia, 2 mm thick PVC conduit, in newly constructed roof slab/ wall and already constructed building's roof / wall by groove cutting through chiseling / cutter machine and repairing of wall with cement mortar wherever required. Work involve supply installation of all accessories as per site requirement i.e. 65 and 32 mm deep JB, 3 mm thick bakelite sheet on JB, pull boxes, solid bends, nipples, check nuts, reducers, couplers to complete the installation work of conduit. Conduit and It's accessories Make: AKG/Anchor/ Precision/Finolex.	Metre	31804	70		22,26,280
Rupees Seventy Only						
129	Supply and installation of MS metal box. The metal box to be painted red oxide primer and emended wall recess in such a manner so as to flush with the finished surface. The metal box to be embeded in newly / already constructed building's wall by groove cutting through chiseling / cutter machine and repairing of wall with cement mortar wherever required. The wall and wall and box to be neatly cleaned and finished thereafter. Including Supply and fixing of White colour bakelite sheet 3 mm thick of appropriate size on MS metal box for fixing switch, socket etc.					
129.1	MS Metal Box size approx. size. 200mm x 250mm x 75mm deep. Metal sheet thickness 2mm	Nos	294	180		52,920
Rupees One Hundreds Eighty Only						
129.2	MS Metal Box size approx. size. 180mm x 100mm x 60mm deep. Metal sheet thickness 2mm	Nos	1096	140		1,53,440
Rupees One Hundreds Forty Only						
129.3	MS Metal Box size approx. size. 100mm x 100mm x 60mm deep. Metal sheet thickness 2mm	Nos	408	120		48,960
Rupees One Hundreds Twenty Only						
130	Supply, installation, testing & commissioning of the following piano type switches, sockets and regulator. The scope covers fixing / installation on switch board sheet. Make : Anchor					
130.1	6 A One Way Switch.	Nos	2308	30		69,240
Rupees Thirty Only						
130.2	6 A, Bell Push Switch.	Nos	204	65		13,260
Rupees Sixty Five Only						
130.3	6 A, multi socket for 2 and 3 Pin.	Nos	892	80		71,360
Rupees Eighty Only						
130.4	20 A One Way Switch.	Nos	473	80		37,840
Rupees Eighty Only						
130.5	6A/16A, universal Socket.	Nos	473	140		66,220
Rupees One Hundreds Forty Only						

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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
						Rate in Words
130.6	100W Deluxe Rotary Step Fan Regulator.	Nos	324	300		97,200 Rupees Three Hundreds Only
131	Supply, installation, testing & commissioning of Exhaust Fan, Ceiling Fan, Tube light Fittings and water heaters (Geyser).					
131.1	5 Star rating latest, 1200 mm / 48 inch sweep ceiling fan, white/cream colour complete with all accessories and connection to supply point through 3 Core PVC insulated copper cable. Make : Crompton greaves / Bajaj / Almonard / Usha / Havells.	Nos	330	2800		9,24,000 Rupees Two Thousand Eight Hundreds Only
131.2	Tube light fitting 40/36 watt metal body complete with all accessories. Along with 40/36 watt fluorescent tube rod. Tube light connection to supply point through 3 Core PVC insulated copper cable. The fitting to be mounted on wall /ceiling by means of 2 nos. PVC blocks. Make: Philips / Bajaj / Wipro / Crompton Greaves/ Syska/ other prevailing market make.	Nos	394	280		1,10,320 Rupees Two Hundreds Eighty Only
131.3	300 - 305 mm dia, 1300-1400 rpm, single phase exhaust fan (metal body) minimum air delivery 1600 CuM/Hr. maximum 90 watt. The scope also covers making of opening in the wall as per size of exhaust fan, grouting of bolt/ anchor fastener, steel wire mesh with removal frame, finishing of wall to the original shape etc. exhaust fan connection to ceiling rose by means of 3 Core PVC insulated copper cable. Make : Almonard/Crompton Greaves/ Bajaj / Usha / Havells.	Nos	231	2000		4,62,000 Rupees Two Thousand Only
131.4	Storage type water heaters (Geyser), 5 Star rating latest, 2kW Vertical mounting, 25 liter capacity,single phase ac supply, having ABS plastic/ metal body complete with all accessories. The scope covers installation on wall by grouting anchor fastener / bolts including finishing of wall to the original shape etc. Make : Venus/ Recold/ Crompton Greaves / Bajaj / Almonard / Usha / Havells.	Nos.	18	9000		1,62,000 Rupees Nine Thousand Only
131.5	Instant type water heaters (Geyser), 3kw, 3 liter capacity,Vertical mounting, single phase ac supply, having ABS plastic/ metal body complete with all accessories. The scope covers installation on wall by grouting anchor fastener / bolts including finishing of wall to the original shape etc. Make : Venus/ Recold/ Crompton Greaves / Bajaj / Almonard / Usha / Havells.	Nos.	204	3000		6,12,000 Rupees Three Thousand Only
132	Supply, installation, testing & commissioning of Ceiling Rose & Angle/Batten holder with LED Lamp and door bell etc.					
132.1	Angle / Batten Holder 6A make : Anchor/Havells/ Legrand/L&T with 7W / 9W LED lamp Make : Philips / Bajaj / Wipro / Crompton Greaves/ Syska/Havells.	Nos	538	140		75,320 Rupees One Hundreds Forty Only
132.2	6A 3-Plate (Phase, Neutral, Earth) Ceiling rose Anchor / Havells /Legrand/L&T.	Nos	954	30		28,620 Rupees Thirty Only
132.3	Ding Dong door Bell make Anchor / Havells / Legrand.	Nos	204	250		51,000 Rupees Two Hundreds Fifty Only
133	Supply and installation of street light and post top lantern fitting.					

Name of Work: Construction of 9 barracks (for 126 nos. Jawans) & upgradation of 204 Nos. (17 Block) Type-I (A) Quarters in G+2 structures including development of associated external infrastructure works at CISF colony Sentab, RR Site.

WO / SOQR Number : 64724

Agency Name : M/s MADHUSUDAN ENGINEERING CO.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
		Rate in Words				
133.1	Supply of 45W LED Street Light luminaries suitable for single phase AC supply, Die Cast Aluminium housing, minimum IP 65, Minimum LED Efficacy > 80 Lm/W, Power Factor > 0.9, CRI > 70 Colour temperature: 6000+/-500K, The luminaries should be provided with in-built power unit / electronic driver. Make:- Philips / Bajaj / Wipro / CG/ Syska/Havells.	Nos	25	4200		1,05,000
				Rupees Four Thousand Two Hundreds Only		
133.2	Supply of 30 - 40W LED Post top lantern fitting, Minimum IP 65, Aluminum die-casting housing, Powder Coated suitable for single phase AC supply. Make : Philips / Bajaj / Wipro / CG/ Syska/Havells.	Nos	25	8000		2,00,000
				Rupees Eight Thousand Only		
133.3	Installation of 45W LED street light and 30 - 40W LED Post top lantern fitting, including Supply and installation / connection through 3 core x 1.5 sq mm PVC copper insulated copper cable and other accessories like Nut bolt anchor fastener clamp etc. are in the scope of the contractor for complete the installation work.	Nos	50	250		12,500
				Rupees Two Hundreds Fifty Only		
134	Supply and installation of Junction Boxes for Street light poles. The JB's shall be fabricated from 1.6 mm thick MS sheet in the size of 150 x 150x 100 mm deep in full welded construction. In the front MS cover shall be provided with hinged and bolting arrangement at all the four corners. The JB's shall be made dust proof by means of neoprene gasket. The 2 nos. earthing stud shall be welded to the box. Suitable nos. knock outs shall be provided at the bottom of the box. The JB shall be thoroughly cleaned and painted powder coated / red oxide primer, grey/ cream paint. The box shall be provided with one no. 5 Amp rewirable porcelain cut out fuse fixed on 6 mm thick Bakelite sheet along with 4 nos. 2" long, 3/8" brass studs, nuts and washers. The JB shall be mounted on pole by using 50 x 5 mm MS Clamp of 1/2" MS, bolts nuts and plain washers etc.	Nos	50	400		20,000
				Rupees Four Hundreds Only		
135	Concreting of poles pit by providing and laying in position cement concrete of 1:3:6 (1 Cement: 3 coarse Sand : 6 Graded Stone aggregate 20 mm nominal size) -up to plinth level, transporting of concrete to site, laying, consolidation,finishing, curing etc. all complete excluding cost of centering & shuttering, as per direction of Engineer-incharge.	CuM	4	6000		24,000
				Rupees Six Thousand Only		
136	Making of pole coping size 400mm dia and 450mm high above the ground level by providing and laying in position cement concrete of 1:2:4 (1 Cement: 2 coarse Sand : 4 Graded Stone aggregate 20 mm nominal size) -up to plinth level , transporting of concrete to site, laying, consolidation,finishing, curing etc. all complete excluding cost of centering & shuttering, as per direction of Engineer-incharge.	Nos	25	300		7,500
				Rupees Three Hundreds Only		
137	Supply and Installation of three phase double door DB complete with internal wiring neutral link copper bus bar etc. The scope covers DBs to be embedded in the wall recess in such a manner so as to flush with the finished surface of the wall, connection with PVC conduits and wall to be neatly finished thereafter, including dressing, termination, lugging of wiring. Termination of 3.5C x 95 Sqmm cable with Lug and Gland in 6 way TPN/ VTPN DB are covered in separate item. Make : Legrand/Schneider/Siemens.					
137.1	6 way ETPN DB having 1 no. 4 pole, 25Amp., 10 kA, C curve, 30mA leakage current RCBO, 3 nos. 16 Amp. single pole, 10 kA, C curve, MCB and 10 nos. 6 Amp., single pole, 10 kA, C curve MCB.	Nos	9	20000		1,80,000
				Rupees Twenty Thousand Only		
137.2	6 way ETPN DB having 1 no. 4 pole, 40 Amp., 10 kA, C curve MCB, 3 nos. 32 Amp. 4 pole, 10 kA, C curve, MCB.	Nos	3	19500		58,500
				Rupees Nineteen Thousand Five Hundreds Only		

Name of Work: Construction of 9 barracks (for 126 nos. Jawans) & upgradation of 204 Nos. (17 Block) Type-I (A) Quarters in G+2 structures including development of associated external infrastructure works at CISF colony Sentab, RR Site.

WO / SOQR Number : 64724

Agency Name : M/s MADHUSUDAN ENGINEERING CO.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
						Rate in Words
137.3	6 way TPN / VTPN DB having 1 no. 4 pole, 160 Amp., 25 kA MCCB and 4 nos. 3 pole, 63 Amp., 10 kA C curve MCB.	Nos	1	70000		70,000 Rupees Seventy Thousand Only
138	Supply & Installation of ISI marked 1.1 KV grade, FR, PVC/ XLPE Insulated, Aluminium Conductor, Steel Armoured (Galvanized flat steel strip) PVC Sheathed cable. PVC insulated cable confirm to IS: 1554 Part-I and XLPE insulated cable confirming to IS: 7098 Part-I. Make- Finolex / Polycab / Universal/ KEI and installation of cable in cable trenches/Hume pipes/GI pipes /clamping of cable on wall etc. Cost of making trench and laying of GI pipes / Hume pipes have either been covered separately or already laid during construction of building/ road.					
138.1	Supply of 4 C x 6 sq. mm cable.	Metre	500	170		85,000 Rupees One Hundreds Seventy Only
138.2	Installation of 4 C x 6 sq. mm cable.	Metre	500	18		9,000 Rupees Eighteen Only
138.3	Supply of 3.5 C x 95 sq. mm cable.	Metre	500	750		3,75,000 Rupees Seven Hundreds Fifty Only
138.4	Installation of 3.5 C x 95 sq. mm cable.	Metre	500	40		20,000 Rupees Forty Only
139	Termination and connection of ISI Marked 1.1 kV grade, FR, PVC/ XLPE insulated Aluminium conductor, Steel Armoured cable including supply single compression brass cable glands and crimping type aluminium lugs and other consumables to complete the jobs are in the scope of contractor. One gland and four lugs are to be considered one nos. for measurement.					
139.1	4 C x 6 Sq.mm cable	Nos	150	100		15,000 Rupees One Hundreds Only
139.2	3.5 C x 95 Sq.mm cable	Nos	4	500		2,000 Rupees Five Hundreds Only
140	Supply and installation of pipe earthing station. Scope of this work covers installation pipe earthing station with 40 mm dia medium gauge G.I pipe and back filling with salt, charcoal and black soil as directed, Work should confirm to IS-3043. (a) Supply and placing of 40 mm dia medium gauge GI Pipe 3.0 mtr. long perforation at maximum distance of 150 mm throughout the length as directed. (b) Supply of good quality black soil approx. 3 CuM and filling in earth and watering as directed. (c) Supply of char-coal approx. 100 Kg and filling in earth pit as directed. (d) Supply of good quality ungrinded salt approx. 100 Kg and filling in earth pit as directed. (e) Construction of Brick masonry chamber 400 x 400 x 600mm (Inside clear) of wall thickness 230mm with plaster in and outside. Chamber covered with removal RCC pre cast. Note:- Excavation of earth pit is covered in separate item.	Nos	2	4500		9,000 Rupees Four Thousand Five Hundreds Only

Name of Work: Construction of 9 barracks (for 126 nos. Jawans) & upgradation of 204 Nos. (17 Block) Type-I (A) Quarters in G+2 structures including development of associated external infrastructure works at CISF colony Sentab, RR Site.

WO / SOQR Number : 64724

Agency Name : M/s MADHUSUDAN ENGINEERING CO.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
		Rate in Words				
141	Supply, laying and termination of 8 SWG G.I. wire for earthing. The wire shall be buried in ground/wall clamping of wire on wall and termination through nut bolt whenever required are scope of contractor.	Metre	1500	12		18,000
					Rupees Twelve Only	
142	Earthwork in excavation in all types of ground substrata consisting of hard rock / fragmented rock / soft rock / ordinary soils / filled up ground /murrum requiring use of rock breaker, drilling, chiseling with mechanical / manual means etc. up to a depth as mentioned below from the original ground level and dewatering if required for foundation of walls, columns, platforms etc. including backfilling with selected excavated materials in plinth and foundation trenches in layers not exceeding 200 mm thick, watering ramming etc. complete and disposing off the surplus materials to a maximum radially measured lead of 1.0 KM. as per drawings, design , safety and specifications and directions of the Engineer. No payment shall be given for extra excavation beyond dimension for cable trench 300mm wide and 600mm depth and for earth pit 1Mtr.(L) x 1Mtr.(W) x 3Mtr.(D). Note :- Bidders should essentially visit and inspect the construction sites and determine themselves the right and safest method/s of excavation considering the safety of nearby structures and population, before quoting their item rates (Blasting is not permitted).					
142.1	(a) Up to a depth of 1.5 Mtr. from the original ground level.	Cum	135	700		94,500
					Rupees Seven Hundreds Only	
142.2	Extra for every additional lift of 1.5Mtr. part thereof in all kinds of soil.	Cum	3	150		450
					Rupees One Hundreds Fifty Only	
143	Supply and laying of good quality sand in excavated cable trench 75mm before laying and 75mm after laying of the cable.	Cum	34	1500		51,000
					Rupees One Thousand Five Hundreds Only	
144	Supply and placing of building bricks approx. size 200x100x70mm placing the bricks over layer of cable as directed.	Nos	7500	7		52,500
					Rupees Seven Only	
145	Supply and installation 25x3mm thick GI flat. Scope are covered welding of flat for joint and Joint to be painted with red oxide primer and aluminium paint. Wherever required the flat to be buried in ground/ clamped on wall an interval of 1 meter and will be connected at both ends by using nut bolt washer.	Metre	100	50		5,000
					Rupees Fifty Only	
146	Supply & Installation of B class GI pipe with accessories like bend and socket and required bending 120 degree long radius bends wherever required. The pipe shall be buried/ grouted/ clamping in the ground/wall and also in the wall chases and repairing of the wall wherever required. The scope also includes chasing in wall & back filling with cement mortar. Make PRAKASH SURYA / JINDAL.					
146.1	32 mm dia GI Pipe.	Metre	190	400		76,000
					Rupees Four Hundreds Only	
146.2	50 mm dia GI Pipe.	Metre	125	600		75,000
					Rupees Six Hundreds Only	

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WO / SOQR Number : 64724

Agency Name : M/s MADHUSUDAN ENGINEERING CO.

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
				Rate in Words		
146.3	100mm dia GI Pipe.	Metre	30	800		24,000
				Rupees Eight Hundreds Only		

Note: All Item Rates are considered to be in Indian Rupees unless otherwise explicitly specified and in which case shall be always converted appropriately to arrive at the amount in Indian Rupees.

Work Order Total ₹ 13,18,83,626.00

Overall Rebate (%) 0

Work Order Value After Overall Rebate in Figure ₹ 13,18,83,626.00

Work Order Value After Overall Rebate in Words Rupees Thirteen Crore Eighteen Lakh Eighty Three Thousand Six Hundreds Twenty Six Only

AD (E&US)

Rawatbhata Rajasthan Site

For & on behalf of the

Nuclear Power Corporation of India Limited