

बिहार सरकार,
कृषि विभाग।

पत्र संख्या- DOH/CS/119/2025-पी.पी.एस.-161- /कृ०, पटना, दिनांक- 04.10.,2025
प्रेषक,

कल्पना कुमारी,
अपर सचिव,
कृषि विभाग, बिहार, पटना।

सेवामें,

महालेखाकार, बिहार,
वीरचन्द पटेल पथ, पटना।

(+) अनौपचारिक
रूप से परामर्शित।

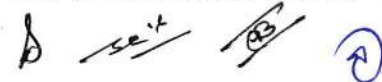
द्वारा : वित्त विभाग, बिहार, पटना। (+)

विषय : वित्तीय वर्ष 2025-26 में प्रधानमंत्री राष्ट्रीय कृषि विकास योजना (DPR) अंतर्गत पटना में हाई-टेक नर्सरी की स्थापना के कार्यान्वयन हेतु कुल 250.00 लाख (दो करोड़ पचास लाख) रुपये की निकासी एवं व्यय की स्वीकृति।

आदेश : स्वीकृत।

वित्तीय वर्ष 2025-26 में प्रधानमंत्री राष्ट्रीय कृषि विकास योजना (DPR) अंतर्गत पटना में हाई-टेक नर्सरी की स्थापना के कार्यान्वयन हेतु कुल 250.00 लाख (दो करोड़ पचास लाख) रुपये की निकासी एवं व्यय की स्वीकृति प्रदान की जाती है।

- राज्य में उद्यानिक फसलों के गुणवत्तायुक्त पौध सामग्री का उत्पादन कराकर इच्छुक कृषकों को सुगमतापूर्वक पौध सामग्री की उपलब्धता सुनिश्चित कराना, उद्यानिक फसलों का क्षेत्र विस्तार कराना, कृषकों को आधुनिक खेती से अवगत कराना तथा उत्पादन एवं उत्पादकता में वृद्धि फलस्वरूप संबंधित कृषकों के आय में वृद्धि करना है।
- हाई-टेक नर्सरी की स्थापना अनुसूची-01 के अनुसार पटना में चिन्हित सार्वजनिक क्षेत्र में डॉ० राजेन्द्र प्रसाद, केन्द्रीय कृषि विश्वविद्यालय पूसा, समस्तीपुर द्वारा अनुमोदित एवं तकनीकी स्वीकृति प्राप्त अवयववार विस्तृत प्राक्कलन एवं Layout Plan के आलोक में कार्य किया जायेगा। Layout Plan एवं अवयववार Estimate अनुसूची-03 के रूप में संलग्न है।
- भारत सरकार, कृषि एवं किसान कल्याण मंत्रालय के पत्रांक- 7-1/2025-RKVY दिनांक- 30.12.2024 द्वारा वित्तीय वर्ष 2025-26 में प्रधानमंत्री राष्ट्रीय कृषि विकास योजना (DPR) अंतर्गत केन्द्रांश मद में कुल 155.88 करोड़ रु० (सामान्य 120.09 करोड़ रु०, अनुसूचित जाति 33.12 करोड़ रु० एवं अनुसूचित जनजाति 2.67 करोड़ रु०) उद्व्यय संसूचित किया गया है। उक्त उद्व्यय के आलोक में भारत सरकार के पत्रांक-1-4/2025-RKVY दिनांक-02.05.2025 द्वारा कुल 77.94 करोड़ रु० (सामान्य 60.05 करोड़ रु०, अनुसूचित जाति 16.55 करोड़ रु० एवं अनुसूचित जनजाति 1.34 करोड़ रु०) विमुक्त किया गया है। विमुक्त राशि के विरुद्ध समानुपातिक राज्यांश सहित राशि का आवंटनादेश निर्गत कर राशि निकासी कर व्यय किया जायेगा।
- भारत सरकार के नये मार्गदर्शिका के अनुसार RBI के ई-कुबेर प्लेटफॉर्म के द्वारा केन्द्र प्रायोजित योजना की धन राशि का परिसीमन/अंतरण/खर्च SNA-SPARSH Module के माध्यम से क्रियान्वयन किया जाना है।



6. योजना की कार्यान्वयन एजेंसी डॉ० राजेन्द्र प्रसाद, केन्द्रीय कृषि विश्वविद्यालय पूसा, समस्तीपुर होगी।
7. इस योजना अन्तर्गत स्वीकृत राशि अनुसूची-02 के अनुसार कृषि निदेशक, बिहार द्वारा निदेशक उद्यान, बिहार, पटना को राशि आवंटित की जायेगी। निदेशक उद्यान, बिहार, पटना के द्वारा SNA SPARSH के माध्यम से राशि की निकासी कर कार्यान्वयन एजेंसी को उपलब्ध कराया जायेगा।
8. इस योजना के सर्वोच्च नियंत्री पदाधिकारी निदेशक उद्यान, बिहार, पटना होंगे।
9. योजना के कार्यान्वयन हेतु कार्यान्वयन अनुदेश की आवश्यकता नहीं है, क्योंकि डॉ० राजेन्द्र प्रसाद, केन्द्रीय कृषि विश्वविद्यालय पूसा, समस्तीपुर स्वयं हाई-टेक नर्सरी की स्थापना का तकनीकी संस्थान है।
10. हाई-टेक नर्सरी के PPP Mode में संचालन निम्न शर्तों के अधीन किया जायेगा :-
 - (i) हाई-टेक नर्सरी संचालन में प्राप्त H-1 निविदाकर्ता को अधिकतम वार्षिक लीज रेंट के आधार पर चयन किया जा सकता है, जिसका भुगतान प्रति तिमाही करना अनिवार्य होगा।
 - (ii) प्रथम वर्ष के सफल संचालन उपरान्त, हाई-टेक नर्सरी द्वारा जनित Gross Revenue Share से (10-20) प्रतिशत परिवर्तनशील लाभ का अंश (Variable Revenue Sharing) के आधार पर विभाग को राजस्व का अंश Share किया जायेगा।
 - (iii) उक्त निविदा को 5 वर्षों के समय अवधि के लिए आमंत्रित किया जा सकता है, जिसमें प्रथम वर्ष-Annual Lease Rent एवं 1 वर्ष सफल संचालन उपरान्त Annual Lease Rent+Variable Revenue Sharing के आधार पर निबंधित किया जा सकता है।
 - (iv) हाई-टेक नर्सरी हेतु एक समर्पित प्रखंड उद्यान पदाधिकारी को पर्यवेक्षण हेतु दायित्व दिया जा सकता है।
11. प्रशासी विभाग द्वारा वित्तीय सीमा के अधीन यथा आवश्यक संशोधन/परिवर्तन किया जा सकेगा।
12. इस योजना अंतर्गत एक हाई-टेक नर्सरी की स्थापना होने से 300 मानव दिवस सृजित होने की संभावना है।
13. वित्त विभाग के पत्रांक-2561, दिनांक-17.04.1998 तथा पत्रांक-410 दिनांक-12.06.2025 का अनुपालन निकासी एवं व्ययन पदाधिकारी द्वारा सुनिश्चित किया जायेगा।
14. कार्यान्वयन एजेंसी द्वारा प्रधानमंत्री राष्ट्रीय कृषि विकास योजना के लिए संधारित बैंक खाता एवं लेखा का समुचित संधारण किया जायेगा। SNA-SPARSH के माध्यम से राशि की निकासी एवं राशि का अंतरण किया जायेगा। कार्यान्वयन एजेंसी द्वारा सहायता अनुदान की राशि का उपयोगिता प्रमाण पत्र स्वीकृत्यादेश की तिथि से 18 माह के अन्दर महालेखाकार (ले० एवं ह०), बिहार, पटना के कार्यालय को प्रेषित किया जायेगा एवं इसकी प्रति कृषि विभाग को उपलब्ध करायी जायेगी। साथ ही बिहार वित्तीय नियमावली के अनुरूप अंकक्षित लेखा विवरणी उपलब्ध कराने की भी अनिवार्यता होगी। महालेखाकार बिहार को अंकक्षण का अधिकार होगा।






15. वित्तीय वर्ष 2025-26 में बजट शीर्ष में उपबंधित राशि एवं स्वीकृत राशि का विवरण निम्न प्रकार है :-

(राशि लाख रू० में)

बजट शीर्ष	उपबंधित राशि	स्वीकृत राशि
राष्ट्रीय कृषि विकास योजना (केन्द्रांश एवं राज्यांश)		
मुख्य शीर्ष 2401-फसल कृषि कर्म-उपमुख्यशीर्ष-00-लघुशीर्ष-109-विस्तार तथा किसानों को प्रशिक्षण-मांग सं०-01, उपशीर्ष-0216-राष्ट्रीय कृषि विकास योजना (आर०के०वी०वाई०) (ए०सी०ए०), विपत्र कोड-01-2401001090216, पी०एफ०एम०एस० कोड-9145, विषयशीर्ष-31-सहायता अनुदान-0216-31-06 सहायक अनुदान-गैर वेतन	24722.380	192.600
मुख्य शीर्ष 2401-फसल कृषि कर्म- उपमुख्यशीर्ष-00-लघुशीर्ष-789-अनुसूचित जातियों के लिए विशेष घटक योजना-मांगसं०-01, उपशीर्ष-0203-राष्ट्रीय कृषि विकास योजना (आर०के०वी० वाई०) (ए०सी०ए०), विपत्रकोड-01-2401007890203, पी०एफ०एम०एस०कोड-9145, विषयशीर्ष-31-सहायता अनुदान-0203-31-06 सहायक अनुदान- गैर वेतन	5133.320	53.125
मुख्य शीर्ष 2401-फसल कृषि कर्म-उपमुख्यशीर्ष-00-लघुशीर्ष-796-जनजातीय क्षेत्र उप योजना - मांग सं०-01, उपशीर्ष- 0231-राष्ट्रीय कृषि विकास योजना (आर०के०वी०वाई०) (ए०सी०ए०), विपत्र कोड-01-401007960231, पी०एफ०एम०एस० कोड-9145, विषयशीर्ष-31-सहायता अनुदान 0231-31-06 सहायक अनुदान-गैर वेतन	375.500	4.275
वित्तीय वर्ष 2025-26 में दायित्व की राशि		
योग	30231.200	250.000
खरीफ 2025-26 में राज्यांश मद में निकासी की गयी राशि	200.00	0.00
कुल योग	30431.200	250.00
अनुसूचित जाति एवं अनुसूचित जनजाति कोटि में राशि उपलब्ध नहीं है। इन दोनों कोटि में आंतरिक सामांजन/अगले अनुपूरक आगणन के माध्यम से बजट उपबंध प्राप्ति के पश्चात् आवंटनादेश निर्गत/राशि की निकासी/व्यय किया जा सकेगा।		

16. वित्त विभाग के संकल्प संख्या-12888 दिनांक-03.12.2024 तथा पत्रांक-201 दिनांक-13.03.2025 में निहित प्रावधान के आलोक में दिनांक-29.08.2025 को प्रधान सचिव, कृषि विभाग, बिहार, पटना की अध्यक्षता में आयोजित विभागीय स्थायी वित्त समिति से योजना प्रस्ताव पर अनुशंसा प्राप्त है। योजना के कार्यान्वयन प्रस्ताव एवं स्वीकृत्यादेश प्रारूप में प्रधान सचिव, कृषि का अनुमोदन संचिका संख्या-DOH/CS/119/2025 के पृ०सं०-09/टि० पर दिनांक-03.10.2025 को प्राप्त है।
17. वित्त विभागीय परिपत्र संख्या-7355 वि० (2) दिनांक 05.10.2007 के आलोक में महालेखाकार, बिहार, पटना से प्राधिकार पत्र की आवश्यकता नहीं है।
18. स्वीकृत्यादेश प्रारूप में आंतरिक वित्तीय सलाहकार की सहमति संचिका संख्या-DOH/CS/119/2025- के पृष्ठ संख्या-09/टि० पर दिनांक-03.10.2025 को प्राप्त है, जिसका डायरी संख्या-782 दिनांक-03.10.2025 है।

बिहार राज्यपाल के आदेश से



(कल्पना कुमारी)

अपर सचिव,

कृषि विभाग, बिहार, पटना।

ज्ञापांक :- DOH/CS/119/2025 - पी०पी० एम० - 161 - /पटना दिनांक - 04.10.2025
प्रतिलिपि : प्रभारी पदाधिकारी, अंकेक्षण, महालेखाकार (ले० एवं ह०) कार्यालय,
वीरचन्द पटेल पथ, पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।


अपर सचिव,

ज्ञापांक :- DOH/CS/119/2025 - पी०पी० एम० - 161 - /पटना दिनांक - 04.10.2025
प्रतिलिपि : योजना एवं विकास विभाग/वित्त विभाग, बिहार, पटना को सूचनार्थ
एवं आवश्यक कार्रवाई हेतु प्रेषित।


अपर सचिव,

ज्ञापांक :- DOH/CS/119/2025 - पी०पी० एम० - 161 - /पटना दिनांक - 04.10.2025
प्रतिलिपि : सभी प्रमण्डलीय आयुक्त/सभी जिला पदाधिकारी को सूचनार्थ एवं आवश्यक
कार्रवाई हेतु प्रेषित।


अपर सचिव,

ज्ञापांक :- DOH/CS/119/2025 - पी०पी० एम० - 161 - /पटना दिनांक - 04.10.2025
प्रतिलिपि : सचिवालय कोषागार पदाधिकारी, विकास भवन, पटना/सभी जिला कोषागार
पदाधिकारी को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।


अपर सचिव,

ज्ञापांक :- DOH/CS/119/2025 - पी०पी० एम० - 161 - /पटना दिनांक - 04.10.2025
प्रतिलिपि : माननीय कृषि मंत्री के आप्त सचिव/प्रधान सचिव, कृषि के आप्त
सचिव/कृषि निदेशक, बिहार, पटना/निदेशक उद्यान, बिहार, पटना/मिशन निदेशक, राज्य
बागवानी मिशन, बिहार, पटना/निदेशक, पी०पी०एम०, कृषि विभाग, बिहार, पटना/सभी
प्रमण्डलीय संयुक्त निदेशक उद्यान/सभी जिला उद्यान पदाधिकारी/मुख्यालय स्थित सभी
पदाधिकारीगण/बजट एवं योजना शाखा (सचिवालय एवं निदेशालय) कृषि विभाग, बिहार, पटना
को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।


अपर सचिव,

ज्ञापांक :- DOH/CS/119/2025 - पी०पी० एम० - 161 - /पटना दिनांक - 04.10.2025
प्रतिलिपि : उप निदेशक (शष्य), सूचना, बिहार, पटना/आई०टी० मैनेजर, कृषि विभाग,
बिहार, पटना को विभागीय वेबसाईट पर डालने एवं संबंधित पदाधिकारियों एवं कोषागार
पदाधिकारी को ई-मेल से भेजने हेतु प्रेषित।


अपर सचिव,

कृषि विभाग, बिहार, पटना।

अनुसूची-1

वित्तीय वर्ष 2025-26 में राष्ट्रीय कृषि विकास योजना अन्तर्गत पटना में हार्ड-टेक नर्सरी, की स्थापना संबंधित कार्य योजना

(भौतिक संख्या में एवं वित्तीय लाख रुपये में)					
क्र० सं०	अवयव	सहायता दर	इकाई	भौतिक लक्ष्य	कुल वित्तीय लक्ष्य
1	2	3	4	5	6
1	पटना में हार्ड-टेक नर्सरी की स्थापना	शत प्रतिशत (100%)	संख्या	1	250.00
योग					250.00

(दो करोड़ पचास लाख रुपये)

निदेशक उद्यान

उद्यान निदेशालय, बिहार, पटना।

(डा० राकेश कुमार)

अनुसूची-2

वित्तीय वर्ष 2025-26 में राष्ट्रीय कृषि विकास योजना अन्तर्गत पटना में हार्ड-टेक नर्सरी की स्थाना
का कार्यान्वयन एजेंसी

		(भौतिक संख्या में एवं वित्तीय लाख रुपये में)
क्र० सं०	कार्यान्वयन एजेंसी	कुल वित्तीय लक्ष्य
1	2	3
1	डॉ० राजेन्द्र प्रसाद, केन्द्रीय कृषि विश्वविद्यालय पूसा, समस्तीपुर	250.00
योग		250.00

(दो करोड़ पचास लाख रुपये)

निदेशक उद्यान

उद्यान निदेशालय, बिहार, पटना।

( डॉ० राकेश कुमार)

Proceedings of the Technical Validation Meeting for the "Establishment of Hi-Tech Nursery at Krishi Bhawan, Mithapur, Patna" submitted by Department of Horticulture, Government of Bihar held on 11-9-2025 at 10.30 AM in the office chamber of Head (Horticulture).

Members Present:

1. Dr. Udit Kumar, HoD, Horticulture
2. Dr. A.K. Gautam, Assistant Professor (CAET)
3. Er. T.K. Verma, Assistant Engineer, Pusa
4. Shri Amit Kumar, Assistant Comptroller (DoEE)

The committee convened for technical validation for the "Establishment of Hi-Tech Nursery at Krishi Bhawan, Mithapur, Patna". The proposed components and corresponding cost estimates were discussed and are presented below:

[A] Establishment of Hi-Tech Nursery		
Sl. No.	Item	Estimated Cost (Rs.)
1	Lay out & estimate of construction of Potting shed (20mx17.5m) with two rooms (4.5mx4m)	21,64,000.00
2	Lay out & estimate of construction of Implement shed (20mx17.5m) with pump house & 3 HP tube well	21,73,600.00
3	Lay out & estimate of construction of Hardening chamber/Net House (2000 Sq.m)- 2 x 1000 Sq.m	35,15,500.00
4	Civil work: Lay out & estimate of construction of Hi-tech poly house nursery (1000 sq.m)	23,31,800.00
5	Installation of Cooling pad, exhaust fan, Advance Irrigation system, sensors, etc. for Hi-tech poly house.	17,51,700.00
6	Plug Type Nursery	
a.	Chamber for seeder machine	8,32,700.00
b.	Seeder machine	15,00,000.00
c.	Germination chamber	5,82,600.00
d.	Store room & pot preparation area	6,99,000.00
e.	Primary hardening area	14,95,900.00
f.	Secondary hardening area	14,33,600.00
7	Soil Filling (5 ft. x 10000 sq. m)	67,65,000.00
Total (A)		2,52,45,400.00

(Rupees two crore fifty two lakh forty five thousand four hundred) only

Amit K
(Amit Kumar)
Asst. Comptroller

T.K. Verma
(T.K. Verma)
Asst. Engineer

A.K. Gautam
(A.K. Gautam)
Asst. Prof.

Udit Kumar
(Udit Kumar)
Head (Hort.)

Submitted to: Director, Extension Education, RPCAU, Pusa

Udit Kumar
(Udit Kumar)
Head, Horticulture

(डॉ० राकेश कुमार)

(अमिषेक कुमार)

Construction of potting shade (20m x 17.5m) with two rooms (4.5m x 4m) at Krishi Bhawan, Mithapur, Patna".

S.No.	DSR 2023 and ARC	Description / Items	No.	L	B	H	Qty	Unit	Rate	Amount
1	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil								
		Footing	20	1.20	1.20	1.20	34.56	cum	260.30	8995.97
2	AR	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.								
		Area under floor	1	20.00	17.50	0.60	210.00	cum	451.00	94710.00
3	AR	Providing 100A one brick flat soling joint filled with local sand all complete.								
		Footing	20	1.20	1.20		28.80			
		Plinth beams	1	95.75	0.25		23.94			
		Total					52.74	sqm	383.70	20235.48
4	5.9.6	Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts								
			14	1.00	1.40		19.60			
			6	1.00	4.70		28.20			
		Total					47.80	sqm	961.30	45950.14
5	5.9.5	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers								
		Plinth beam	2	95.75	0.15		28.73			
		Plinth beam for two room	2	12.75	0.15		3.83			
		Lintle beam for two room	2	25.50	0.15		7.65			
		Total					40.20	sqm	736.40	29603.28
6	5.22.6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Thermo - Mechanically Treated bars								
		Thermo - Mechanically Treated bars	No. of Member	No. of Bar	Length (meter)	12 mm dia	10 mm dia	8 mm dia		
		For columns : 12 @ Vertical	14	4	2.10	117.60				
		8 @ stirrups	14	9	0.70			88.2		

Tayyimbak

Shikshu

		For columns - 12 @ Vertical	6	4	5.40	129.60				
		8 @ stirrups	6	27	0.70			113.4		
		Plinth Beams								
		10 @ top & bottom	1	4	95.75		224.00			
		8 @ stirrups	1	479	0.50			239.38		
		Lintle Beams								
		10 @ top & bottom	1	4	29.50		225.00			
		8 @ stirrups	1	148	0.50			73.75		
		Footing								
		12 @ oneway	20	6	1.20	144.00				
		10 @ otherway	20	6	1.20		144.00			
		Total Length of rebars			391.20	593.00	514.73			
		Wt. per meter of rebars			0.89	0.62	0.395			
		Wt. of rebars			348.17	367.66	203.32			
		Total Wt. of rebars				919.14	Kg	107.85	99129.72	
7	5.1.3	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)								
		Footing	20	1.20	1.20	0.25	7.20			
		Plinth Beam	1	95.75	0.25	0.15	3.59			
		Lintle Beam	2	25.50	0.125	0.15	0.96			
		Columns	14	0.25	0.25	1.40	1.23			
			6	0.25	0.25	4.55	1.71			
		Total				14.68	cum	8583.40	125988.22	
8	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in : Cement mortar 1:6 (1 cement : 6 coarse sand)								
		Walls	1	58.25	0.25	0.45	6.55			
		Deduction for Column	-12	0.25	0.25	0.45	-0.34			
		Total				6.22	cum	7132.25	44331.39	
9	6.4.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)								
		Walls	1	29.50	0.125	3.30	12.17			
		Deduction for Door :	-2	1.20	0.25	2.10	-1.26			
		Columns	-6	0.25	0.25	3.30	-1.24			
		Total				9.67	cum	9105.95	88065.92	
10	13.4.2	12 mm cement plaster of mix : 1:6 (1 cement : 6 Coarse sand)								
		Walls	2	29.50		3.30	194.70			
		Deduction for Gate :	-4	1.20		2.10	-10.08			
		Total				184.62	Sqm	343.65	63444.66	

Trayambale

20/7/19

13.44.1	Finishing walls with water cement paint of required shade : New work (Two or more coats applied @3.84 kg/10 sqm)								
	Walls	2	29.50		3.30	194.70			
	Deduction for Gate	-4	1.20		2.10	-10.08			
					Total	184.62	Sqm	116.90	21582.08
12	AR S/F/F color coated roof sheet with minimum thickness 0.45 mm durashine make including J & L hook all complete job as per specification and direction of E/I								
	For Roof cover	1	20.00	17.50		350.00	Sqm	1170.40	409640.00
13	AR S/F/F color coated ridge for roof sheet with minimum thickness 0.45 mm durashine make including J & L hook all complete job as per specification and direction of E/I.								
	For Ridge	1	20.00			20.00	meter	1213.00	24250.00
14	13.48.3 Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture								
	250 x 250 x 12mm Square MS Base plate	14	0.25	0.25		0.88			
	100 x 100 x 5mm Square MS pipe as Column	14	3.30	0.40		18.48			
	60 x 60 x 4.5mm Square MS pipe as truss	6	35.50	0.24		51.12			
	32 x 32 x 3.2mm Square MS pipe as bracing of truss	6	21.00	0.128		16.13			
	40 x 40 x 4mm Square MS pipe as purlin	12	20.30	0.160		38.98			
	32 x 32x 3.2mm Square MS pipe as horizontal bracing of column	1	75.00	0.128		9.60			
					Total	135.18	Sqm	170.70	23075.06
15	10.16.1 Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc complete. Hot finished welded type tubes								
	250 x 250 x 12mm Square MS Base plate	14		4.91		68.69			
	100 x 100 x 5mm Square MS pipe as Column	14	3.30	14.41		665.74			
	60 x 60 x 4.5mm Square MS pipe as truss	6	35.50	7.43		1582.59			
	32 x 32 x 3.2mm Square MS pipe as bracing of truss	6	21.00	2.69		338.94			
	40 x 40 x 4mm Square MS pipe as purlin	12	20.30	3.50		852.60			
	32 x 32x 3.2mm Square MS pipe as horizontal bracing of column	1	75.00	2.69		201.75			
					Total	3710.31	Kg	194.40	721284.17

Trayenbar

Dr. P. M. K.

18.9	18.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge							
	18.9.4	32 mm nominal dia outer dia Pipes	2	10		20.00	meter	438.60	8772.00
	18.9.5	40 mm nominal dia outer dia Pipes	2	12		24.00	meter	563.05	13513.20
17	9.20.2	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters, 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws							
		Doors	2	1.20		2.10	Sqm	3167.95	15966.47
18	10.13.1	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)							
		40x40x5mm MS Angle for door frames	2	5.40		3.00	Kg	141.70	4591.08
19	16.68	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge							
		Shed Floor	1	20.00	17.50	350.00	Sqm	859.35	300772.50
Total Amount (in Rs.) of Civil Works for T/S & A/A									2163911
Say Rs. 21,64,000									

11/09/25
 Trayambak Kumar Verma
 Assistant Engineer - Civil

11/09/25
 Sanjay Kumar Suman
 Executive Engineer (P&F)

Technically Sanctioned for Amount Rs 21,64,000 (Two Lakh Sixty four Thousand Rupees) for Plant & Facility
 CRs. Twenty one lakh Sixty four Thousand Rupees

 Dr. R. P. C. A. U. P.

Construction of Implement shade (20m x 17.5m) with pump house & 3 HP tubewell at Krishi Bhawan, Mithapur, Patna".

S.No.	DSR 2023 and ARC	Description / Items	No.	L	B	H	Qty	Unit	Rate	Amount
1	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil								
		Footing	18	1.20	1.20	1.20	31.10	cum	260.30	8096.37
2	AR	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete								
		Area under floor	1	20.00	17.50	0.60	210.00	cum	451.00	94710.00
3	AR	Providing 100A one brick flat soling joint filled with local sand all complete.								
		Footing	18	1.20	1.20		25.92			
		Plinth beams	1	81.00	0.25		20.25			
						Total	46.17	sqm	383.70	17715.52
4	5.9.6	Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts								
			18	1.00	1.40		25.20	sqm	961.30	24224.76
5	5.9.5	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers								
		Plinth beam	2	81.00	0.15		24.30			
		Lintle beam of pump house	2	12.00	0.15		3.60			
						Total	27.90	sqm	736.40	20545.56
6	5.22.6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, and binding all complete. Thermo - Mechanically Treated bars								
		Thermo - Mechanically Treated bars	No. of Member	No. of Bar	Length (meter)	12 mm dia	10 mm dia	8 mm dia		
		For columns : 12 @ Vertical	18	4	2.10	151.20				
		8 @ stirrups	18	9	0.70			113.4		
		Plinth Beams;								
		10 @ top & bottom	1	4	81.00		224.00			
		8 @ stirrups	1	405	0.50			202.5		
		Lintle Beams;								
		10 @ top & bottom	1	4	12.00		225.00			
		8 @ stirrups	1	60	0.50			30		
		Footing								

Trigunbhai

Sanjiv

		12 @ oneway	18	6	1.20	129.60				
		10 @ otherway	18	6	1.20		129.60			
		Total Length of rebars				280.80	578.60	345.90		
		Wt. per meter of rebars				0.89	0.62	0.395		
		Wt. of rebars				249.91	358.73	136.63		
		Total Wt. of rebars					745.27	Kg	107.85	80377.85
7	5.1.3	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)								
		Footing	18	1.20	1.20	0.25	6.48			
		Plinth Beam	1	81.00	0.25	0.15	3.04			
		Lintle Beam	2	12.00	0.125	0.15	0.45			
		Columns	18	0.25	0.25	1.40	1.58			
		Total					11.54	cum	8583.40	99073.89
8	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in Cement mortar 1:6 (1 cement : 6 coarse sand)				91.75				
		Walls	1	43.50	0.25	0.45	4.89			
		Deduction for Column	-12	0.25	0.25	0.45	-0.34			
		Total					4.56	cum	7132.25	32496.31
9	6.4.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)								
		Walls	1	12.00	0.125	3.30	4.95			
		Deduction for Door	-1	1.20	0.25	2.10	-0.63			
		Total					4.32	cum	9105.95	39337.70
10	13.4.2	12 mm cement plaster of mix : 1:6 (1 cement : 6 Coarse sand)								
		Walls	2	12.00		3.30	79.20			
		Deduction for Door	-2	1.20		2.10	-5.04			
		Total					74.16	Sqm	343.65	25485.08

T. Jayaram

S. S. S. S.

1	13.44.1	Finishing walls with water cement paint of required shade. New work (Two or more coats applied @3.84 kg/10 sqm								
		Walls	2	12.00		3.30	79.20			
		Deduction for Door	-2	1.20		2.10	-5.04			
					Total		74.16	Sqm	116.90	8669.30
12	AR	S/F/F color coated roof sheet with minimum thickness 0.45 mm durashine make including J & L hook all complete job as per specification and direction of E/I								
		For Roof cover	1	20.00	17.50		350.00	Sqm	1170.40	409640.00
13	AR	S/F/F color coated ridge for roof sheet with minimum thickness 0.45 mm durashine make including J & L hook all complete job as per specification and direction of E/I								
		For Ridge	1	20.00			20.00	meter	1213.00	24260.00
14	13.48.3	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture								
		250 x 250 x 12mm Square MS Base plate	14	0.25	0.25		0.88			
		100 x 100 x 5mm Square MS pipe as Column	14	3.30	0.40		18.48			
		60 x 60 x 4.5mm Square MS pipe as truss	6	35.50	0.24		51.12			
		32 x 32 x 3.2mm Square MS pipe as bracing of truss	6	21.00	0.128		16.13			
		40 x 40 x 4mm Square MS pipe as purlin	12	20.30	0.160		38.98			
		32 x 32x 3.2mm Square MS pipe as horizontal bracing of column	1	75.00	0.128		9.60			
					Total		135.18	Sqm	170.70	23075.06
15	10.16.1	Steel work in built up tubular (round, square or rectangular, hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc complete. Hot finished welded type tubes				Weight (kg/mtr)				
		250 x 250 x 12mm Square MS Base plate	14		4.91		68.69			
		100 x 100 x 5mm Square MS pipe as Column	14	3.30	14.41		665.74			
		60 x 60 x 4.5mm Square MS pipe as truss	6	35.50	7.43		1582.59			
		32 x 32 x 3.2mm Square MS pipe as bracing of truss	6	21.00	2.69		338.94			
		40 x 40 x 4mm Square MS pipe as	12	20.30	3.50		852.60			
		32 x 32x 3.2mm Square MS pipe as horizontal bracing of column	1	75.00	2.69		201.75			
					Total		3710.31	Kg	194.40	721284.17

Trayambaka

S. K. Anba

5	18.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.							
	18.9.4	32 mm nominal dia outer dia Pipes	2	10		20.00	meter	438.60	8772.00
	18.9.5	40 mm nominal dia outer dia Pipes	2	12		24.00	meter	563.05	13513.20
17	9.20.2	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws							
		Doors	1	1.20	2.10	2.52	Sqm	3167.95	7983.23
18	10.13.1	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)							
		40x40x5mm MS Angle for door frames	1	5.40	3.00	16.20	Kg	141.70	2295.54
19	16.68	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.							
		Shed Floor	1	20.00	17.50	350.00	Sqm	859.35	300772.50
20		Boring/drilling bore well of required dia for casing/ strainer pipe by suitable method prescribed in IS 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level							
	23.1.1	300 mm dia upto 90m	1	90	90		m	707.75	63697.5

Traynor's

Dr. Zulu

21		Supplying, assembling, lowering and fixing in vertical position in borewell, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge										
	23.3.2	150 mm nominal size dia	1	30			30	m	793.25	23797.5		
	23.3.1	100 mm nominal size dia	1	30			30	m	672.3	20169		
22		Supplying, assembling, lowering and fixing in vertical position in borewell unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge										
	23.4.1	100 mm nominal size dia	1	30			30	m	686.55	20596.5		
23	23.8	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge										
			3.14	0.15	0.15	90	6.3585					
		deduct pipe	-3.1	0.15	0.15	30	-2.1195					
			-3.1	0.1	0.1	60	-1.884					
							2.355	cum	2024.5	4767.6975		

Trayen hall

S.K. Sharma

24	23.12	Development of tube well in accordance with IS : 2800 (part I) and IS 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, 1/2 disinfection of tubewell, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer in-charge	1	8	8	hr	1085.05	8680.4
25	23.13	Providing and fixing suitable size threaded mild steel cap or spotwelded plate to the top of bare well housing/ casing pipe, removable as per requirement, all complete for borewell of 150 mm dia	1		1	each	246.45	246.45
26	23.14	Providing and fixing M.S. clamp of required dia to the top of casing/housing pipe of tubewell as per IS : 2800 (part I), including necessary bolts & nuts of required size complete 150 mm dia	2		2	each	2019.05	4038.1
27	23.15	Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS 2800 (part I)	1		1	each	265.1	265.1
28	AR	Supplying of submersible pump motor set with 3 HP single phase KSB/termo/crompton make including 2.0 inch dia column pipe of UPVC 70 FEET and 1x4 sqm three core cable make phinolex/KSB and L & T make starter all complete with testing	1		1	set	60000	60000
29	NS	Extra for carriage of rig machine and other equipments to drilling and development of tube well as well as water arrangement etc complete as per specification and direction of E/I	1		1	Job	5000	5000
Total Amount (in Rs.) of Civil Works for T/S & A/A								2173586
Say Rs. 21,73,600								

Trayambak
11/10/25
Trayambak Kumar Verma
Assistant Engineer - Civil

Sanjay Kumar Suman
Executive Engineer (P&F)

Director (Plant & Facilities)

Technically Sanctioned for Amount Rs 21,73,600 = (Rs. Twenty One lakh Seventy three thousand Six Hundred only)

Director (P&F)

"Construction of Hardening chamber / Net House (2x1000= 2000 Sqm) at Krishi Bhawan, Mithapur, Patna".

S.No.	DSR 2023 and ARC	Description / Items	No.	L	B	H	Qty	Unit	Rate	Amount
1	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil								
		Pedestal	80	0.45	0.45	1.00	16.20	cum	260.30	4216.86
2	AR	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.								
		Area under floor :	4	35.00	15.50	0.60	1302.00	cum	451.00	587202.00
3	AR	Providing 100A one brick flat soling joint filled with local sand all complete.								
		Floor	4	35.00	15.50		2170.00	sqm	383.70	832633.34
4	4.1.3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 Cement-2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)								
		For Pedestal	80	0.45	0.45	1.00	16.20	cum	7878.50	127631.70
5	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in : Cement mortar 1:6 (1 cement : 6 coarse sand)								
		Walls	4	31.00	0.25	0.60	18.60			
		Deduction for Column :	-80	0.45	0.45	0.60	-9.72			
							8.88	cum	7132.25	63334.38

Bayan

Shri Singh

Construction of Hi-tech poly house nursery (net area 1000 Sqm) at Krishi Bhawan, Mithapur, Patna".

S.No.	DSR 2023 and ARC	Description / Items	No.	L	B	H	Qty	Unit	Rate	Amount
1	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil								
		Pedestal	22	0.45	0.45	1.00	4.46			
			16	0.30	0.30	0.60	0.86			
			16	0.60	0.60	1.00	5.76			
		Total					11.08	cum	260.30	2883.86
2	AR	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.								
		Area under floor	1	35.00	35.00	0.60	735.00	cum	451.00	331485.00
3	AR	Providing 100A one brick flat soling joint filled with local sand all complete.								
		Floor	1	35.00	35.00		1225.00	sqm	383.70	470034.95
4	4.1.3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 Cement: 2 coarse sand (zone III) : 4 graded stone aggregate 20 mm nominal size)								
		For Pedestal	22	0.45	0.45	1.00	4.46			
			16	0.30	0.30	0.60	0.86			
			16	0.60	0.60	1.00	5.76			
		Total					11.08	cum	7878.50	87285.90
5	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in : Cement mortar 1:6 (1 cement : 6 coarse sand)								
		Walls	1	105.00	0.25	0.60	15.75			
		Deduction for Column	-26	0.45	0.45	0.60	-3.16			
		Total					12.59	cum	7132.25	89802.16

Prayansh

Dr. Singh

6-10.26.3	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. G.I. pipes			Weight (kg/mtr)				
	60 x 60 x 2.9mm Square G.I. pipe as Column	50	5.00	5.50		1375.00		
	40 x 40 x 2.6mm Square G.I. pipe as inclined column	16	4.50	2.92		210.24		
	40 x 40 x 2.6mm Square G.I. pipe as truss	24	21.00	2.92		1471.68		
	25 x 25 x 2mm Square G.I. pipe as truss bracing	24	12.00	1.36		391.68		
	25 x 25 x 2mm Square G.I. pipe as purlin	24	32.50	1.36		1060.80		
	25 x 25 x 2mm Square G.I. pipe as horizontal bracing of column	6	85.70	1.36		699.31		
				Total		5208.71	Kg	203.05
								1057628.97
7-NS	Providing and fixing poly sheet of 200 micron with film/net sheet all complete.							
		3	32.50	12.00		1170.00		
		1	127.00	4.00		508.00		
				Total		1678.00	sqm	122.00
								204716.00
8	AR S/F/F color coated drain sheet with minimum thickness 0.45 mm durashine make including J & L hook all complete job as per specification and direction of E/I.							
	For drain	2	32.50			65.00	meter	1213.00
								78845.00
12.41.2	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. (B) ~110 mm diameter							
	For drain out	4	6			24.00	meter	377.40
								9057.60
Total Amount (in Rs.) of Civil Works for T/S & A/A								2331739
Say								Rs. 23,31,800

Trayambak
11/09/25
Trayambak Kumar Verma
Assistant Engineer - Civil

Sanjay
11/09/25
Sanjay Kumar Suman
Executive Engineer (P&F)

Technically Sanctioned for Amount Rs. 23,31,800 = 40
C Rs. Twenty Three lakh Thirty one Thousand Eight Hundred

S. K. Sinha

Director (P&F)
Dr. R.P.C.A.U. Pusa
Dr. R.P.C.A.U. Pusa
Dr. R.P.C.A.U. Pusa

"Establishment of chamber for seeder machine for Plug type nursery at Krishi Bhawan, Mithapur, Patna".

S.No.	DSR 2023 and ARC	Description / Items	No.	L	B	H	Qty	Unit	Rate	Amount
1	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil								
		Footing	6	1.50	1.50	1.20	16.20	cum	260.30	4216.86
2	AR	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.								
		Area under floor	1	8.60	5.60	0.50	24.08	cum	451.00	10860.08
3	AR	Providing 100A one brick flat soling joint filled with local sand all complete								
		Footing	6	1.20	1.20		8.64			
		Plinth protection	1	28.40	0.60		17.04			
		Plinth beams	1	26.00	0.25		6.50			
		Total					32.18	sqm	363.70	12347.53
4	5.9.6	Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts								
			6	1.00	5.10		30.60	sqm	961.30	29415.78
5	5.9.5	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers								
		Plinth beam	2	26.00	0.20		10.40			
		Top band	2	26.00	0.15		7.80			
		Lintle band	2	26.00	0.15		7.80			
		Total					26.00	sqm	736.40	19146.40
6	5.22.6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Thermo - Mechanically Treated bars								
		Thermo - Mechanically Treated bars	No. of Mem ber	No. of Bar	Length (meter)	12 mm dia	10 mm dia	8 mm dia		

Trayambaka

Dr. Zuhra

		For columns : 12 @ Vertical	6	4	5.40	129.60				
		8 @ stirrups	6	27	0.70			113.4		
		Plinth Beams,								
		10 @ top & bottom	1	4	26.00		224.00			
		8 @ stirrups	1	130	0.65			84.5		
		Lintle Bands;								
		10 @ top & bottom	1	4	26.00		225.00			
		8 @ stirrups	1	130	0.50			65		
		Top Bands,								
		10 @ top & bottom	1	4	26.00		225.00			
		8 @ stirrups	1	130	0.50			65		
		Footing								
		12 @ oneway	6	6	1.20	43.20				
		10 @ otherway	6	6	1.20		43.20			
		Total Length of rebars				172.80	717.20	327.90		
		Wt. per meter of rebars				0.89	0.62	0.395		
		Wt. of rebars				153.79	444.66	129.52		
		Total Wt. of rebars					727.98	Kg	107.85	78512.27
7	5.1.3	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)								
		Footing	6	1.20	1.20	0.25	2.16			
		Plinth Beam	1	26.00	0.25	0.20	1.30			
		Lintle Band	1	26.00	0.25	0.15	0.98			
		Roof Band	1	26.00	0.25	0.15	0.98			
		Floor	1	8.00	5.00	0.15	6.00			
		Columns	6	0.25	0.25	5.10	1.91			
		Plinth protection	1	28.40	0.60	0.075	1.28			
		Total					14.60	cum	8583.40	125321.93
8	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in : Cement mortar 1:6 (1 cement : 6 coarse sand)								
		Walls	1	26.00	0.25	0.60	3.90			
		Deduction for Column :	-6	0.25	0.25	0.60	-0.23			
		Total					3.68	cum	7132.25	26211.02
9	6.4.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)								
		Walls	1	26.00	0.250	3.30	21.45			
		Deduction for Door	-2	2.00	0.25	2.10	-2.10			
		Columns	-6	0.25	0.25	3.30	-1.24			
		Total					18.11	cum	9105.95	164931.52
10	13.4.2	12 mm cement plaster of mix : 1:6 (1 cement : 6 Coarse sand)								
		Walls	2	26.00		3.60	187.20			
		Deduction for Gate :	-4	2.00		2.10	-16.80			
		Total					170.40	Sqm	343.65	58557.96

T. Rajan

S. K. Dinka



11	13.44.1	Finishing walls with water cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)								
		Walls	2	25.00		3.60	187.20			
		Deduction for Gate	-4	2.00		2.10	-16.80			
					Total		170.40	Sqm	116.90	19919.76
12	AR	S/F/F color coated roof sheet with minimum thickness 0.45 mm durashine make including J & L hook all complete job as per specification and direction of E/I.								
		For Roof cover	1	8.60	5.60		48.16	Sqm	1170.40	56366.46
13	AR	S/F/F color coated ridge for roof sheet with minimum thickness 0.45 mm durashine make including J & L hook all complete job as per specification and direction of E/I.								
		For Ridge	1	5.60			5.60	meter	1213.00	6792.80
14	13.48.3	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.50 ltr/ 10 sqm of approved brand and manufacture								
		250 x 250 x 10mm Square MS Base plate	6	0.25	0.25		0.38			
		50 x 50 x 4.0mm Square MS pipe as truss	2	17.00	0.20		6.80			
		32 x 32 x 3.0mm Square MS pipe as bracing of truss	2	10.00	0.128		2.56			
		32 x 32 x 3.0mm Square MS pipe as purlin	8	5.60	0.128		5.73			
					Total		15.47	Sqm	170.70	2640.63
15	10.16.1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes								
						Weight (kg/mtr)				
		250 x 250 x 10mm Square MS Base plate	6		4.91		29.44			
		50 x 50 x 4.0mm Square MS pipe as truss	2	17.00	5.51		187.34			
		32 x 32 x 3.0mm Square MS pipe as bracing of truss	2	10.00	2.69		53.80			
		32 x 32 x 3.0mm Square MS pipe as purlin	8	5.60	2.69		120.51			
					Total		391.09	Kg	194.40	76027.80

Tray...

S.K. Anka

"Establishment of Germination chamber for Plug type nursery at Krishi Bhawan, Mithapur, Patna".

S.No.	DSR 2023 and ARC	Description / Items	No.	L	B	H	Qty	Unit	Rate	Amount
1	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil								
		Footing	4	1.50	1.50	1.20	10.80	cum	260.30	2811.24
2	AR	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.								
		Area under floor	1	4.60	4.60	0.50	10.58	cum	451.00	4771.58
3	AR	Providing 100A one brick flat soling joint filled with local sand all complete								
		Footing	4	1.20	1.20		5.76			
		Plinth protection	1	18.40	0.60		11.04			
		Plinth beams	1	16.00	0.25		4.00			
						Total	20.80	sqm	383.70	7981.00
4	5.9.6	Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts								
			4	1.00	5.10		20.40	sqm	961.30	19610.52
5	5.9.5	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers								
		Plinth beam	2	16.00	0.20		6.40			
		Top band	2	16.00	0.15		4.80			
		Lintle band	2	16.00	0.15		4.80			
						Total	16.00	sqm	736.40	11782.40
6	5.22.6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Thermo - Mechanically Treated bars								
		Thermo - Mechanically Treated bars	No. of Mem ber	No. of Bar	Length (meter)	12 mm dia	10 mm dia	8 mm dia		

Pranab Kumar

Pranab Kumar

		For columns 12 @ Vertical	4	4	5.40	86.40				
		8 @ stirrups	4	27	0.70			75.6		
		Plinth Beams:								
		10 @ top & bottom	1	4	16.00		224.00			
		8 @ stirrups	1	80	0.65			52		
		Lintle Bands:								
		10 @ top & bottom	1	4	16.00		225.00			
		8 @ stirrups	1	80	0.50			40		
		Top Bands:								
		10 @ top & bottom	1	4	16.00		225.00			
		8 @ stirrups	1	80	0.50			40		
		Footing								
		12 @ oneway	4	6	1.20	28.80				
		10 @ otherway	4	6	1.20		28.80			
		Total Length of rebars			115.20	702.80	207.60			
		Wt. per meter of rebars			0.89	0.62	0.395			
		Wt. of rebars			102.53	435.74	82.00			
		Total Wt. of rebars				620.27	Kg	107.85	66895.69	
7	5.1.3	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)								
		Footing	4	1.20	1.20	0.25	1.44			
		Plinth Beam	1	16.00	0.25	0.20	0.80			
		Lintle Band	1	16.00	0.25	0.15	0.60			
		Roof Band	1	16.00	0.25	0.15	0.60			
		Floor	1	4.00	4.00	0.15	2.40			
		Columns	4	0.25	0.25	5.10	1.28			
		Plinth protection	1	18.40	0.60	0.075	0.83			
		Total				7.94	cum	8583.40	68177.95	
8	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in Cement mortar 1:6 (1 cement : 6 coarse sand)								
		Walls	1	16.00	0.25	0.60	2.40			
		Deduction for Column :	-4	0.25	0.25	0.60	-0.15			
		Total				2.25	cum	7132.25	16047.56	
9	6.4.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)								
		Walls	1	16.00	0.250	3.30	13.20			
		Deduction for Door	-1	1.20	0.25	2.10	-0.63			
		Columns	-4	0.25	0.25	3.30	-0.63			
		Total				11.75	cum	9105.95	106949.38	
10	13.4.2	12 mm cement plaster of mix : 1:6 (1 cement, 6 Coarse sand)								
		Walls	2	16.00		3.60	115.20			
		Deduction for Gate :	-2	1.20		2.10	-5.04			
		Total				110.16	Sqm	343.65	37856.48	

T. K. Sankar

T. K. Sankar



11	13.44.1	Finishing walls with water cement paint of required shade : New work (Two or more coats applied @3.84 kg/10 sqm											
		Walls	2	16.00		3.60	115.20						
		Deduction for Gate	-2	1.20		2.10	-5.04						
					Total		110.16	Sqm	116.90		12877.70		
12	MR	S/F/F color coated 80 mm thick puff panel roof sheet with minimum thickness 0.45 mm Jindal / durashine make including J & L hook all complete job as per specification and direction of E/I.											
		For Roof cover	1	4.60	4.60		21.16	Sqm	2340.80		49531.33		
13	MR	S/F/F color coated ridge for 80 mm thick puff panel roof sheet with minimum thickness 0.45 mm Jindal / durashine make including J & L hook all complete job as per specification and direction of E/I.											
		For Ridge	1	4.60			4.60	meter	1516.25		6974.75		
14	13.48.3	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture											
		250 x 250 x 10mm Square MS Base plate	4	0.25	0.25		0.25						
		50 x 50 x 4.0mm Square MS pipe as truss	2	9.20	0.20		3.68						
		32 x 32 x 3.0mm Square MS pipe as bracing of truss	2	6.00	0.128		1.54						
		32 x 32 x 3.0mm Square MS pipe as purlin	6	4.60	0.125		3.53						
					Total		9.00	Sqm	170.70		1536.10		
15	10.16.1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes				Weight (kg/mtr)							
		250 x 250 x 10mm Square MS Base plate	4		4.91		19.63						
		50 x 50 x 4.0mm Square-MS pipe as truss	2	9.20	5.51		101.38						
		32 x 32 x 3.0mm Square MS pipe as bracing of truss	2	6.00	2.69		32.28						
		32 x 32 x 3.0mm Square MS pipe as purlin	6	4.60	2.69		74.24						
					Total		227.53	Kg	194.40		44232.42		

Trayambha

S.K. Sinha

16	18.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.							
	18.9.4	32 mm nominal dia outer dia Pipes	1	10		16.00	meter	438.60	7017.60
	18.9.5	40 mm nominal dia outer dia Pipes	1	12		18.00	meter	553.05	10134.90
17	9.20.2	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws							
		Doors	1	1.20	2.10	2.52	Sqm	3167.95	7983.23
18	10.13.1	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).							
		40x40x5mm MS Angle for doors and windows frames	1	5.40	3.00	16.20	Kg	141.70	2295.54
Amount (in Rs.) of Civil Works									485467
Amount (in Rs.) of Electrical Works (approx 20 %)									97093
Total Amount (in Rs.) of Civil and Electrical Works									582561
Say									Rs. 5,82,600


 18/09/25
 Trayambak Kumar Verma
 Assistant Engineer - Civil
 Dr. RPCAU, Pusa


 11/9/25
 Sanjay Kumar Suman
 Executive Engineer (P&F)
 Dr. RPCAU, Pusa

Technically Sanctioned for Amount Rs 5,82,600 = 10
 C Rs Five lakh Eighty two Thousand Six Hundred only)


 Director (P&F)
 Dr. RPCAU, Pusa
 18/09/25

"Establishment of storeroom & pot preparation area for Plug type nursery at Krishi B'awan, Mithapur, Patna".

S.No.	DSR 2023 and ARC	Description / Items	No.	L	B	H	Qty	Unit	Rate	Amount
1	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil								
		Footing	6	1.50	1.50	1.20	16.20	cum	260.30	4216.86
2	AR	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.								
		Area under floor :	1	9.60	5.10	0.50	24.48	cum	451.00	11040.48
3	AR	Providing 100A one brick flat soling joint filled with local sand all complete.								
		Footing	6	1.20	1.20		8.64			
		Plinth protection	1	29.40	0.60		17.64			
		Plinth beams	1	27.00	0.25		6.75			
		Total					33.03	sqm	383.70	12673.68
4	5.9.6	Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts								
			6	1.00	1.80		10.80	sqm	961.30	10382.04
5	5.9.5	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers								
		Plinth beam	2	27.00	0.15		8.10	sqm	736.40	5964.84
6	5.22.6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Thermo - Mechanically Treated bars								
		Thermo - Mechanically Treated bars	No. of Member	No. of Bar	Length (meter)	12 mm dia	10 mm dia	8 mm dia		
		For columns : 12 @ Vertical	6	4	1.80	43.20				
		8 @ stirrups	6	9	0.70			37.8		
		Plinth Beams:								
		10 @ top & bottom	1	4	27.00		224.00			
		8 @ stirrups	1	135	0.65			87.75		

Trayambaka

Dr. Sanku

		Footing							
		12 @ oneway	6	6	1.20	43.20			
		10 @ otherway	6	6	1.20		43.20		
		Total Length of rebars			86.40	267.20	125.55		
		Wt. per meter of rebars			0.89	0.62	0.395		
		Wt. of rebars			76.90	165.66	49.59		
		Total Wt. of rebars				292.15	Kg	107.85	31508.62
7	5.1.3	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)							
		Footing	6	1.20	1.20	0.25	2.16		
		Plinth Beam	1	27.00	0.25	0.20	1.35		
		Floor	1	9.00	4.50	0.15	6.08		
		Columns	6	0.25	0.25	1.80	0.68		
		Plinth protection	1	29.40	0.60	0.075	1.32		
		Total				11.58	cum	8583.40	99421.52
8	6.1.2	Brick work with common burnt clay F.P.S (non modular) bricks of class designation 7.5 in foundation and plinth in : Cement mortar 1:6 (1 cement : 6 coarse sand)							
		Walls	1	27.00	0.25	0.60	4.05		
		Deduction for Column :	-6	0.25	0.25	0.60	-0.23		
		Total				3.83	cum	7132.25	27280.86
10	13.4.2	12 mm cement plaster of mix : 1:6 (1 cement : 6 Coarse sand)							
		Walls	1	27.00		0.60	16.20	Sqm	343.65
									5567.13
11	13.4.1	Finishing walls with water cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)							
		Walls	1	27.00		0.60	16.20	Sqm	116.90
									1893.78
12	AR	S/F/F color coated roof sheet with minimum thickness 0.45 mm durashine make including J & L hook all complete job as per specification and direction of E/I							
		For Roof cover	1	9.60	5.10		48.96		
		For around wall cover	2	13.50	3.30		89.10		
		Total				138.06	Sqm	1170.40	161585.42
13	AR	S/F/F color coated ridge for roof sheet with minimum thickness 0.45 mm durashine make including J & L hook all complete job as per specification and direction of E/I							
		For Ridge	1	5.10		5.10	meter	1213.00	6186.30

Transfer

Sw. Pank

14	13.48.3	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture							
		250 x 250 x 10mm Square MS Base plate	6	0.25	0.25		0.38		
		100 x 100 x 5mm Square MS pipe as Column	6	3.30	0.40		7.92		
		60 x 60 x 4.5mm Square MS pipe as truss	2	19.20	0.24		9.22		
		32 x 32 x 3.2mm Square MS pipe as bracing of truss	2	12.00	0.128		3.07		
		40 x 40 x 4mm Square MS pipe as purlin	8	5.10	0.16		6.53		
		40 x 40x 4mm Square MS pipe as horizontal bracing of column	3	27.00	0.16		12.96		
						Total	40.07	Sqm	170.70 6840.12
15	10.16.1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc. including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes				Weight (kg/mtr)			
		250 x 250 x 10mm Square MS Base plate	6		4.91		29.44		
		100 x 100 x 5mm Square MS pipe as Column	6	3.30	14.41		285.32		
		60 x 60 x 4.5mm Square MS pipe as truss	2	19.20	7.43		285.31		
		32 x 32 x 3.2mm Square MS pipe as bracing of truss	2	12.00	2.69		64.56		
		40 x 40 x 4mm Square MS pipe as purlin	8	5.10	3.50		142.80		
		40 x 40x 4mm Square MS pipe as horizontal bracing of column	3	27.00	3.50		283.50		
						Total	1090.93	Kg	194.40 212076.31
16	18.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.							
	18.9.4	32 mm nominal dia outer dia Pipes	2	10			16.00	meter	438.60 7017.60
	18.9.5	40 mm nominal dia outer dia Pipes	2	12			18.00	meter	563.05 10134.90

T. Jayaram

S. K. Srinivas

17	9.20.2	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws							
		Doors	1	1.20	2.10	2.52	Sqm	3167.95	7983.23
18	10.13.1	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size). 40x40x5mm MS Angle for doors and windows frames							
			1	5.40	3.00	16.20	Kg	141.70	2295.54
Amount (in Rs.) of Civil Works									624069
Amount (in Rs.) of Electrical Works (approx 12 %)									74888
Total Amount (in Rs.) of Civil and Electrical Works									698958
Say Rs. 6,99,000									

Trayambak
11/09/25
Trayambak Kumar Verma
Assistant Engineer - Civil
Dr. RPCAU, Pusa

Sanjay Kumar Suman
Executive Engineer (P&F)
Dr. RPCAU, Pusa

Technically Sanctioned for Amount Rs 6,99,000 = w
(Rs Six Lakh Ninety nine Thousand only)

Director (P&F)
Dr. R.P.C.A.U. Pusa
Dr. R.P.C.A.U. Pusa
18/09/25
निदेशक (पं एवं सुं)
Director (Plant & Faci...
डॉ० रा० प्र० के० वि०
Dr. R.P.C.A.U., Pusa

"Establishment of Primary Hardening Chamber (area 250 Sqm) for Plug type nursery at Kashi Bhawan, Mithapur, Patna"

S.No.	DSR 2023 and ARC	Description / Items	No.	L	B	H	Qty	Unit	Rate	Amount
1	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil								
		Pedestal	20	0.45	0.45	1.00	4.05			
			14	0.30	0.30	0.60	0.76			
		Total					4.81	cum	260.30	1251.00
2	AR	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.								
		Area under floor :	1	26.60	10.10	0.50	134.33	cum	451.00	60582.83
3	AR	Providing 100A one brick flat soling joint filled with local sand all complete.								
		Floor	1	26.60	14.10		375.06	sqm	383.70	143911.27
4	4.1.3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 Cement: 2 coarse sand (zone III) : 4 graded stone aggregate 20 mm nominal size)								
		For Pedestal	20	0.45	0.45	1.00	4.05			
			14	0.30	0.30	0.60	0.76			
		Floor	1	26.60	14.10	0.05	18.75			
		Total					23.56	cum	7878.50	185609.58
5	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in : Cement mortar 1:6 (1 cement : 6 coarse sand)								
		Walls	1	71.20	0.25	0.60	10.68			
		Deduction for Column :	-16	0.45	0.45	0.60	-1.94			
		Total					8.74	cum	7132.25	62307.34

Trayambaka

S.K. Zuhra

**"Estimate for establishment of Secondary Hardening Chamber (area 250 Sqm) for Plug
tyne nursery at Krishi Bhawan, Mithapur, Patna"**

S.No.	DSR 2023 and ARC	Description / Items	No.	L	B	H	Qty	Unit	Rate	Amount
1	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil								
		Pedestal	20	0.45	0.45	1.00	4.05			
			14	0.30	0.30	0.60	0.76			
		Total					4.81	cum	260.30	1251.00
2	AR	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.								
		Area under floor :	1	26.60	10.10	0.50	134.33	cum	451.00	60582.83
3	AR	Providing 100A one brick flat soling joint filled with local sand all complete.								
		Floor	1	26.60	14.10		375.06	sqm	383.70	143911.27
4	4.1.3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 Cement: 2 coarse sand (zone III) : 4 graded stone aggregate 20 mm nominal size)								
		For Pedestal	20	0.45	0.45	1.00	4.05			
			14	0.30	0.30	0.60	0.76			
		Floor	1	26.60	14.10	0.05	18.75			
		Total					23.56	cum	7878.50	185609.58
5	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in : Cement mortar 1:6 (1 cement : 6 coarse sand)								
		Walls	1	71.20	0.25	0.60	10.68			
		Deduction for Column :	-16	0.45	0.45	0.60	-1.94			
		Total					8.74	cum	7132.25	62307.34

Trayambaka

S.V. Singh

10.26.3	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. G.I. pipes			Weight (kg/mtr)				
	72 x 72 x 3.2mm Square G.I. pipe as Column	18	4.60	6.71		555.59		
	50 x 50 x 2.6mm Square G.I. pipe as inclined column	16	4.60	3.74		275.26		
	60 x 60 x 2.6mm Square G.I. pipe as truss	7	19.20	4.55		611.52		
	32 x 32 x 2mm Square G.I. pipe as truss bracing	7	12.00	1.80		151.20		
	40 x 40 x 2.6mm Square G.I. pipe as purlin	8	26.00	2.92		607.36		
	32 x 32 x 2mm Square G.I. pipe as horizontal bracing of inclined column	3	52.00	1.80		280.80		
	40 x 40 x 2.6mm Square G.I. pipe as horizontal bracing of column	3	71.20	2.92		623.71		
				Total		3105.44	Kg	203.05 630560.40
7 NS	Providing and fixing poly sheet of 200 micron with film/net sheet all complete.							
		1	26.60	10.60		281.96		
		1	52.00	4.00		208.00		
		1	71.20	3.60		256.32		
				Total		746.28	sqm	125.00 93285.00
8 AR	S/F/F color coated drain sheet with minimum thickness 0.45 mm durashine make including J & L hook all complete job as per specification and direction of E/L.							
	For drain	2	26.60			53.20	meter	1213.00 64531.60
12.41.2	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. (B) 110 mm diameter							
	For drain out	2	6			12.00	meter	377.40 4528.80
Amount (in Rs.) of Civil Works								1246568
Amount (in Rs.) of Electrical Works (approx 15 %)								186985
Total Amount (in Rs.) of Civil and Electrical Works								1433553
								Say Rs. 14,33,600

Trayambak
11/09/25

Trayambak Kumar Verma
Assistant Engineer - Civil
Dr. RPCAU, Pusa

Sanjay Kumar Suman
11/09/25

Sanjay Kumar Suman
Executive Engineer (P&F)
Dr. RPCAU, Pusa

Technically Sanctioned for Amount Rs. 14,33,600 = 10
(Rs Fourteen lakh Twenty three thousand Six Hundred only)

Director (Plant & Facilities)
Dr. R.P.C.A.U. Pusa
11/09/25

"Soil Filling for Hi- Tech Nursery at Krishi Bhawan, Mithapur, Patna".

S.No.	DSR 2023 and ARC	Description / Items	No.	L	B	H	Qty	Unit	Rate	Amount
2	AR	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.								
		Area under floor	1	200.00	50.00	1.50	15000.00	cum	451.00	6765000.00
Total Amount (in Rs.) of Civil Works for T/S & A/A										6765000
Say										Rs. 67,65,000

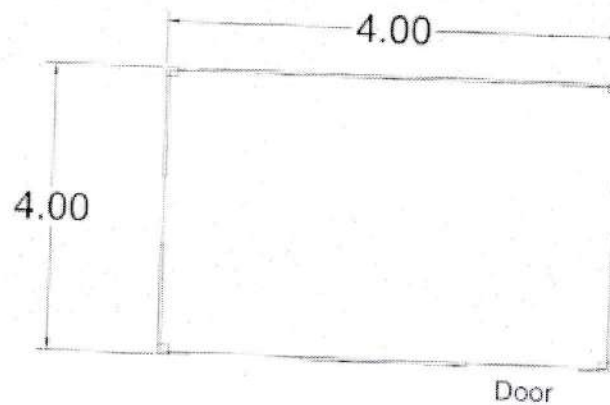
Trayambak
11/09/25
Trayambak Kumar Verma
Assistant Engineer - Civil

Sanjay
11/09/25
Sanjay Kumar Sumar
Executive Engineer (P&F)

Technically Sanctioned for Amount Rs. 67,65,000 = ४०
C Rs. Sixty Seven lakh Sixty five Thousand only.)

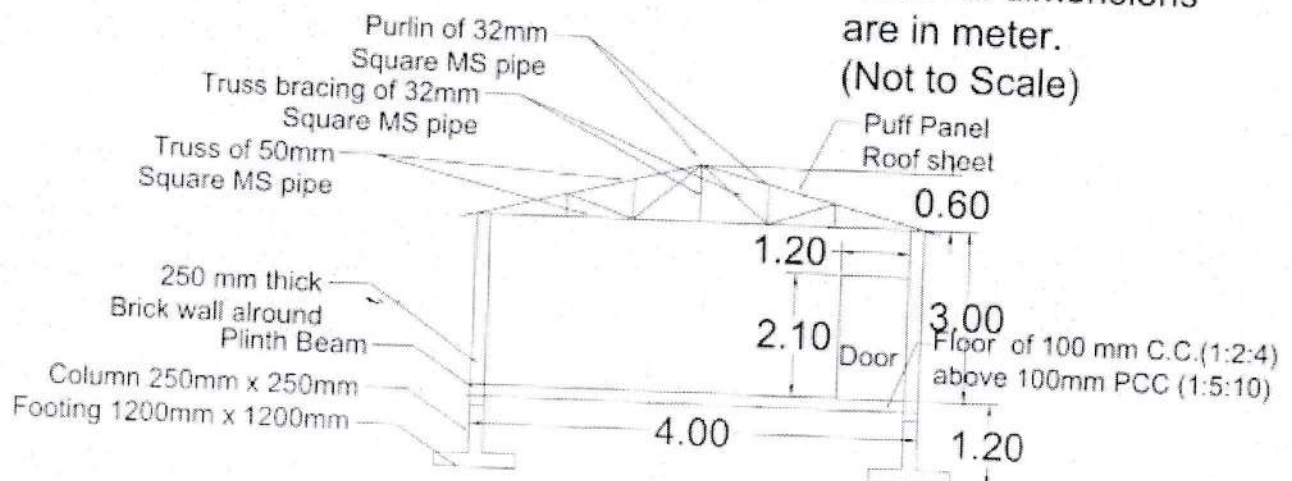
Director (P&F)
Dr. R.P.C.A.U. Patna.
Dr. Zuhra
18/9/25
निदेशक (पं. एवं प्र.)
Director (P&F) & Technical
डॉ० रा० प्र० के० ए० सी० पा०
Dr. R.P.C.A.U. Patna

Dr. Zuhra



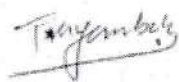
Plan of Germination Chamber

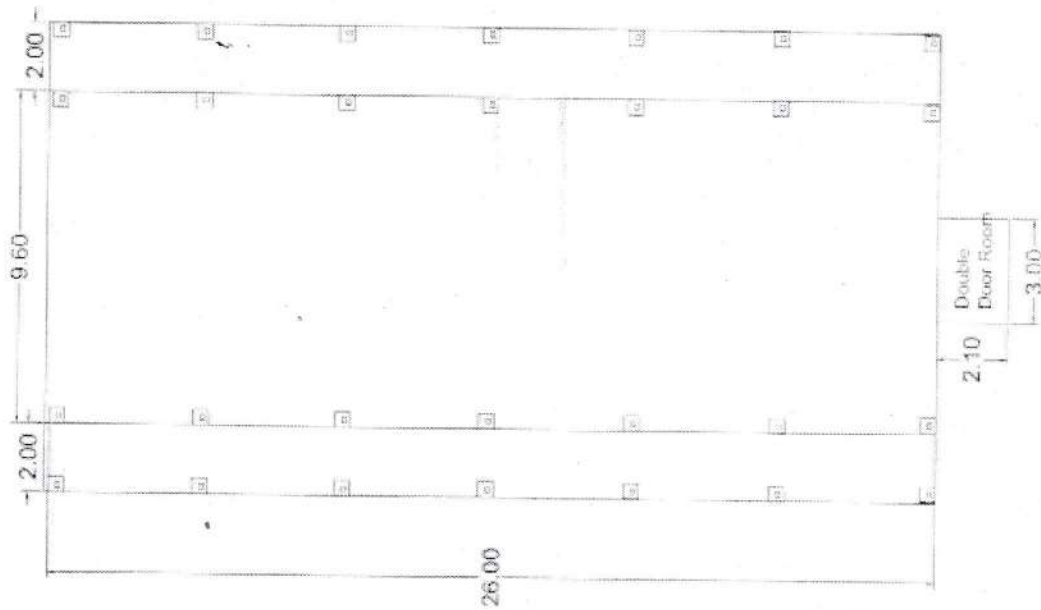
Note: All dimensions are in meter.
(Not to Scale)



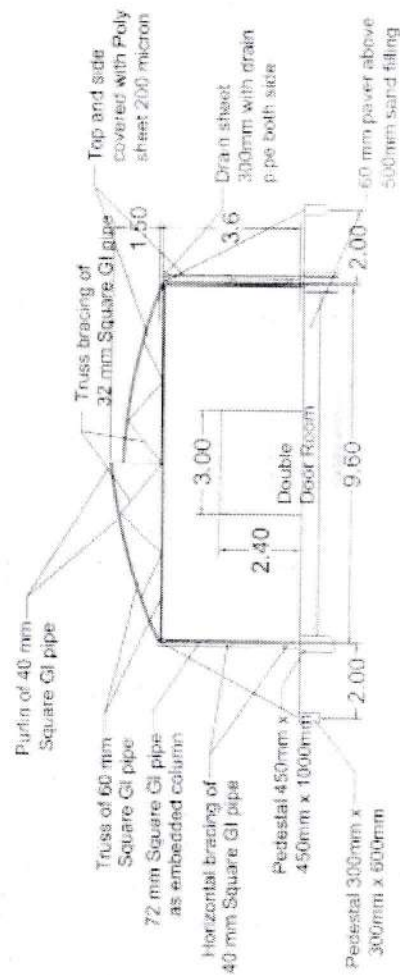
Elevation of Germination Chamber

Design and Draft by: 
Trayambak Kumar Verma
AE- Civil, Dr. RPCAU, Pusa





Plan of Primary/secondary hardening chamber

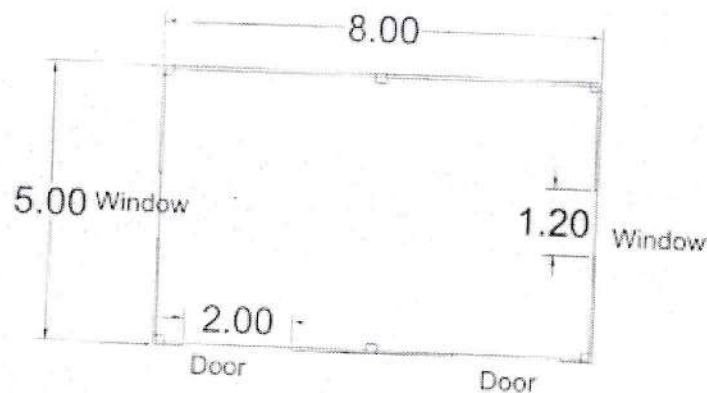


Elevation of Primary/secondary hardening chamber

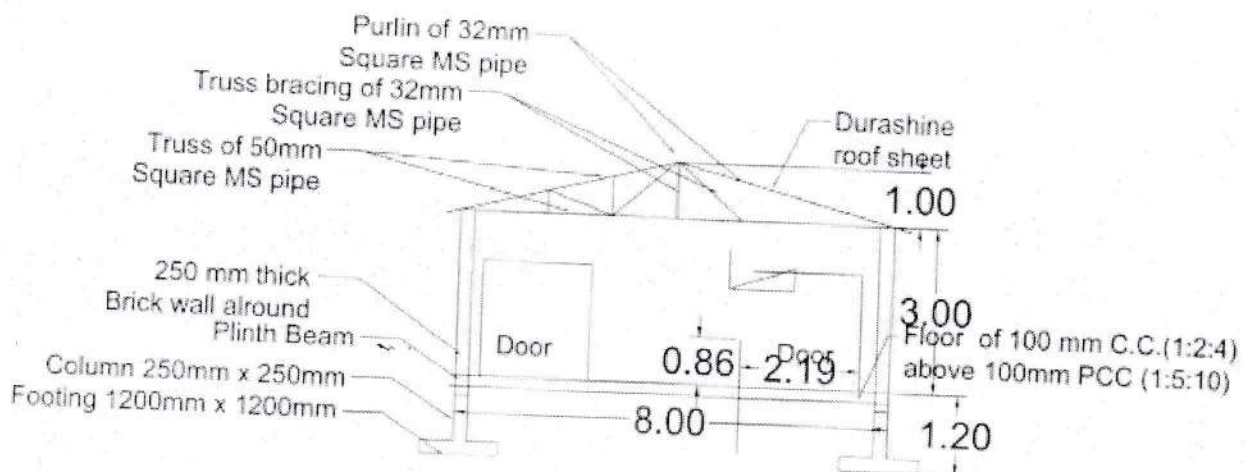
Note: All dimensions are in meter

Design and Draft by:
Trayambak Kumar Verma
AE- Civil, Dr. RPCAU, Pusa

Trayambak



Plan of Chamber for
Seeder Machine

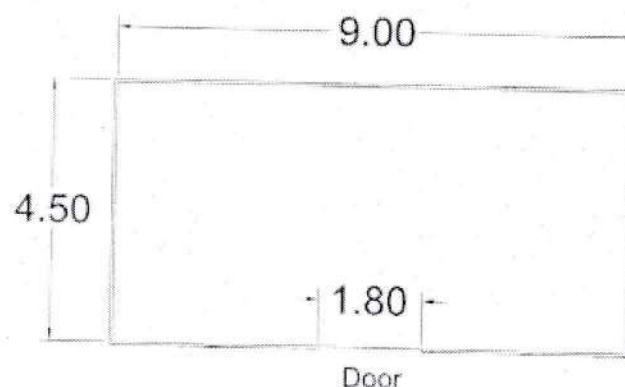


Elevation of Chamber
for Seeder Machine

Note: All dimensions
are in meter

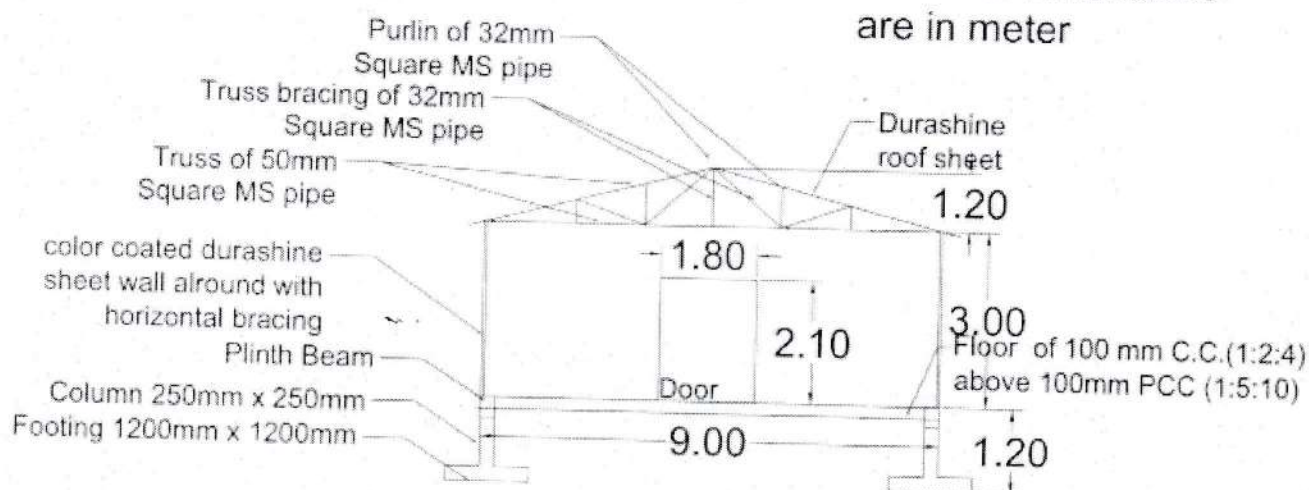
Design and Draft by:
Trayambak Kumar Verma
AE- Civil, Dr. RPCAU, Pusa

Trayambak Kumar Verma



Plan of Storeroom & Pot Preparation Area

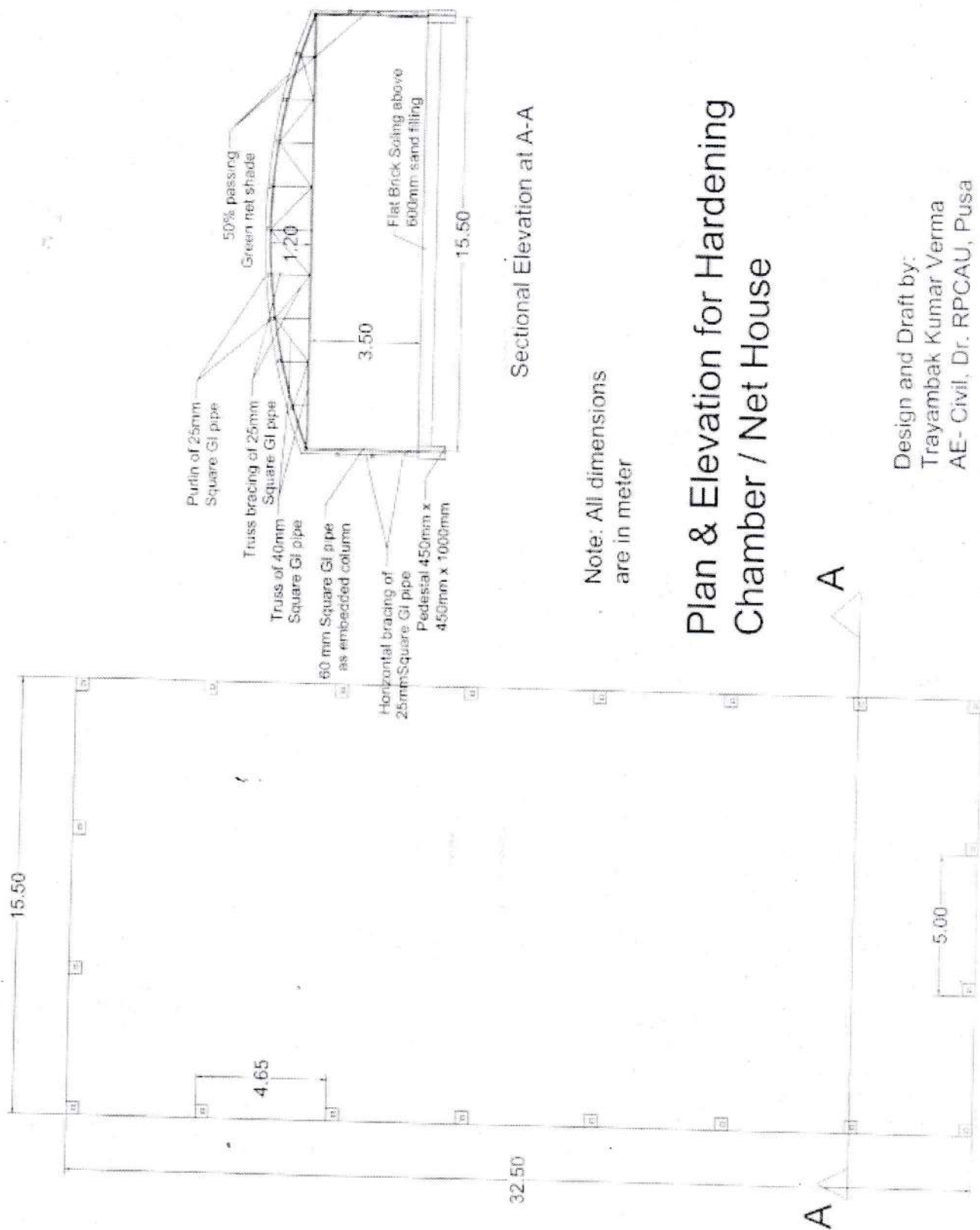
Note: All dimensions are in meter



Elevation of Storeroom & Pot Preparation Area

Design and Draft by:
Trayambak Kumar Verma
AE- Civil, Dr. RPCAU, Pusa

Trayambak

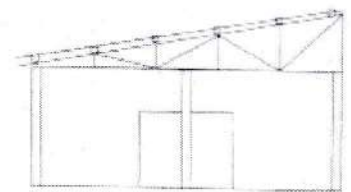
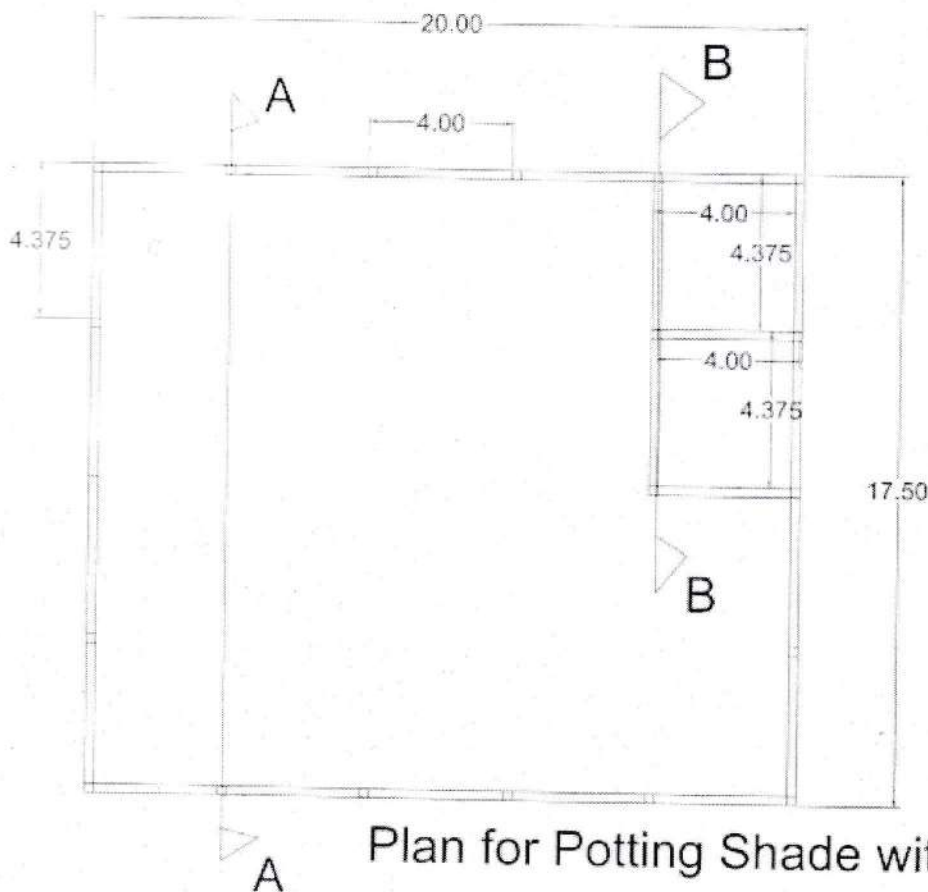


Note: All dimensions are in meter

Plan & Elevation for Hardening Chamber / Net House

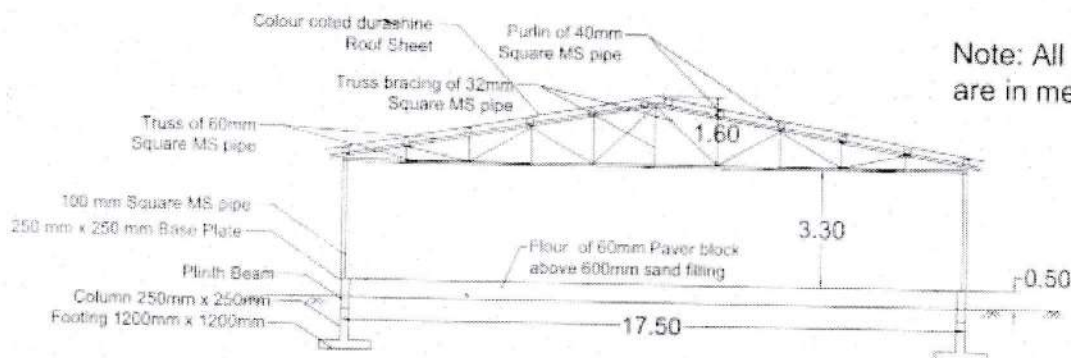
Design and Draft by:
 Trayambak Kumar Verma
 AE- Civil, Dr. RPCAU, Pusa

Trayambak



Sectional Elevation at B-B

Plan for Potting Shade with two rooms

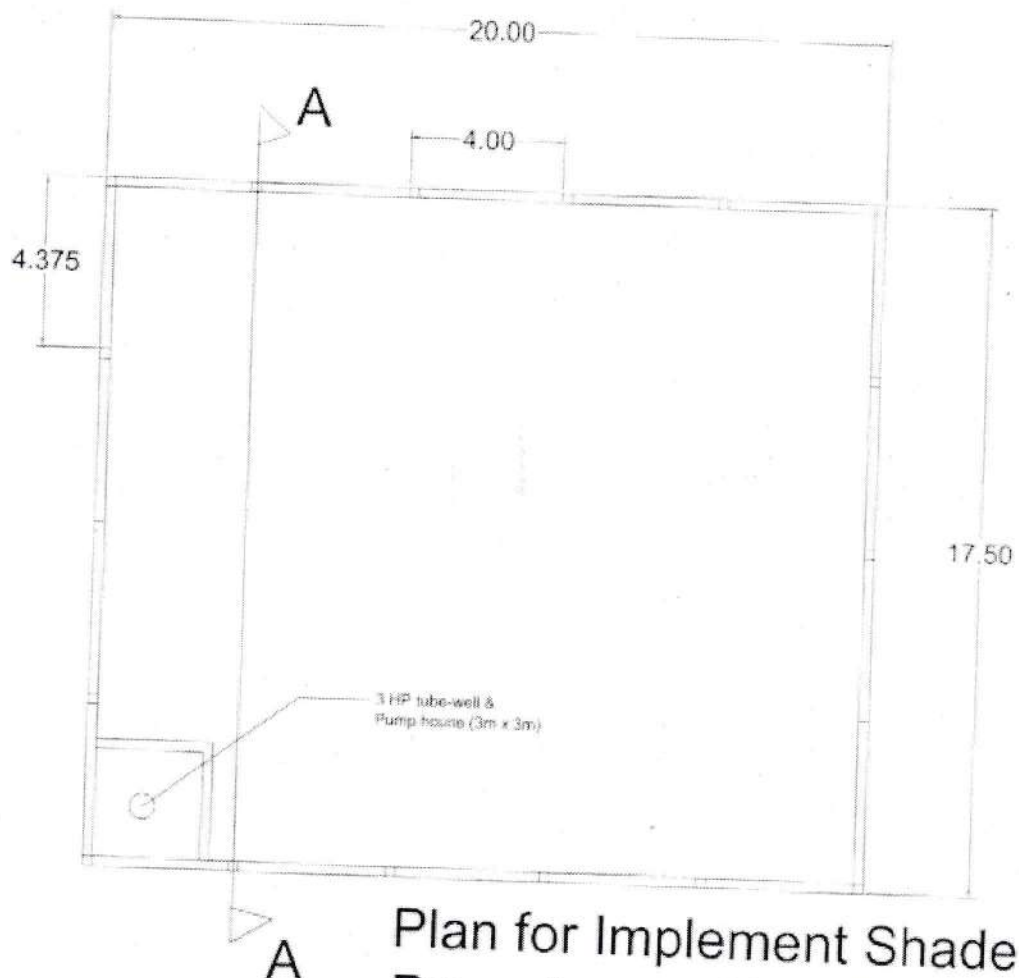


Note: All dimensions are in meter

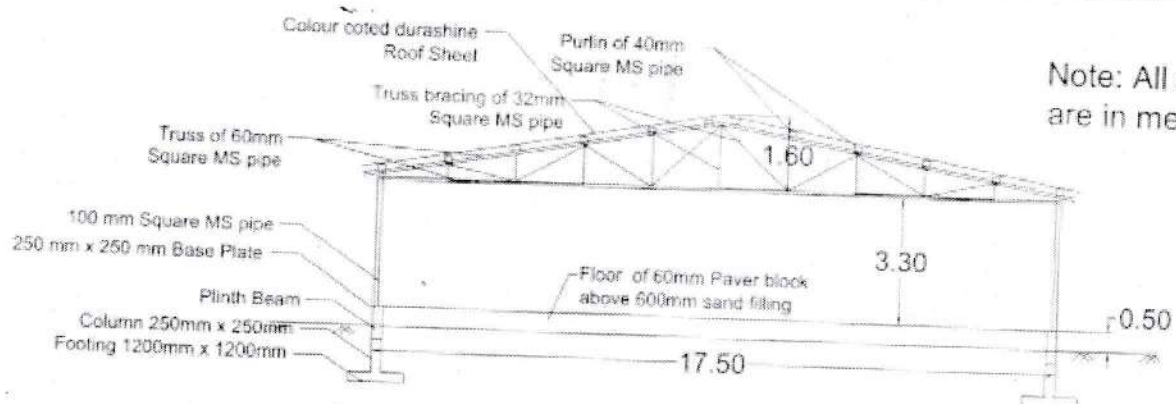
Sectional Elevation at A-A

Trayambak

Design and Draft by:
Trayambak Kumar Verma
AE- Civil, Dr. RPCAU, Pusa



Plan for Implement Shade with Pump house & 3 HP tube-well

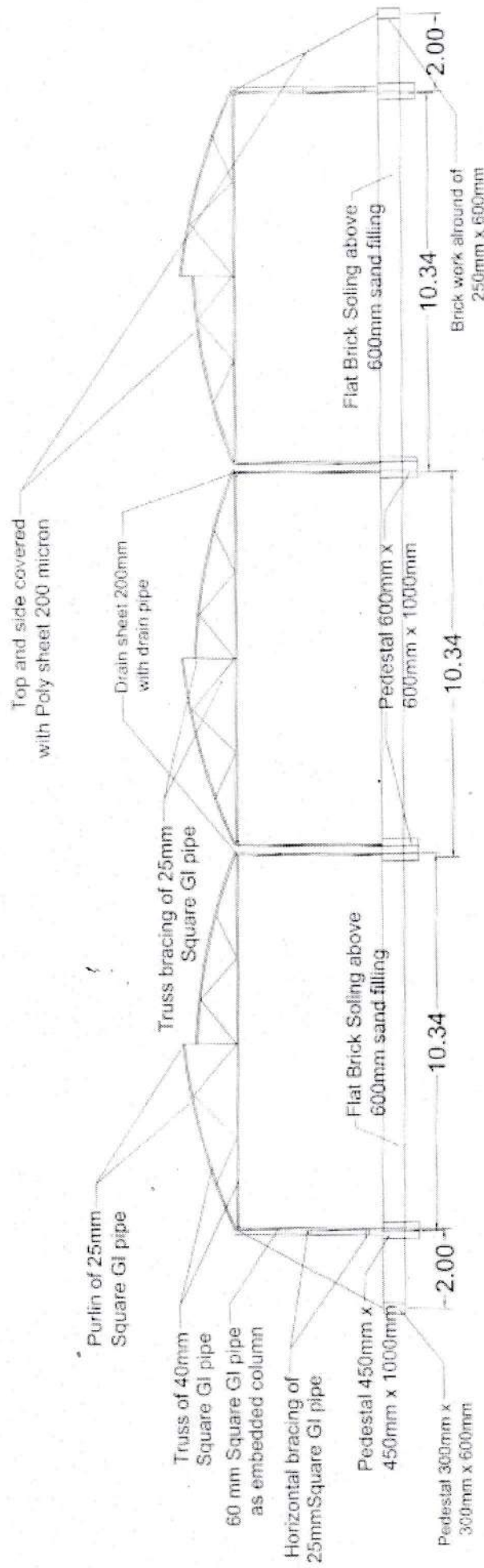


Note: All dimensions are in meter

Sectional Elevation at A-A

Trayambak

Design and Draft by:
Trayambak Kumar Verma
AE- Civil, Dr. RPCAU, Pusa.



Sectional Elevation at A-A of Hi-tech Poly House

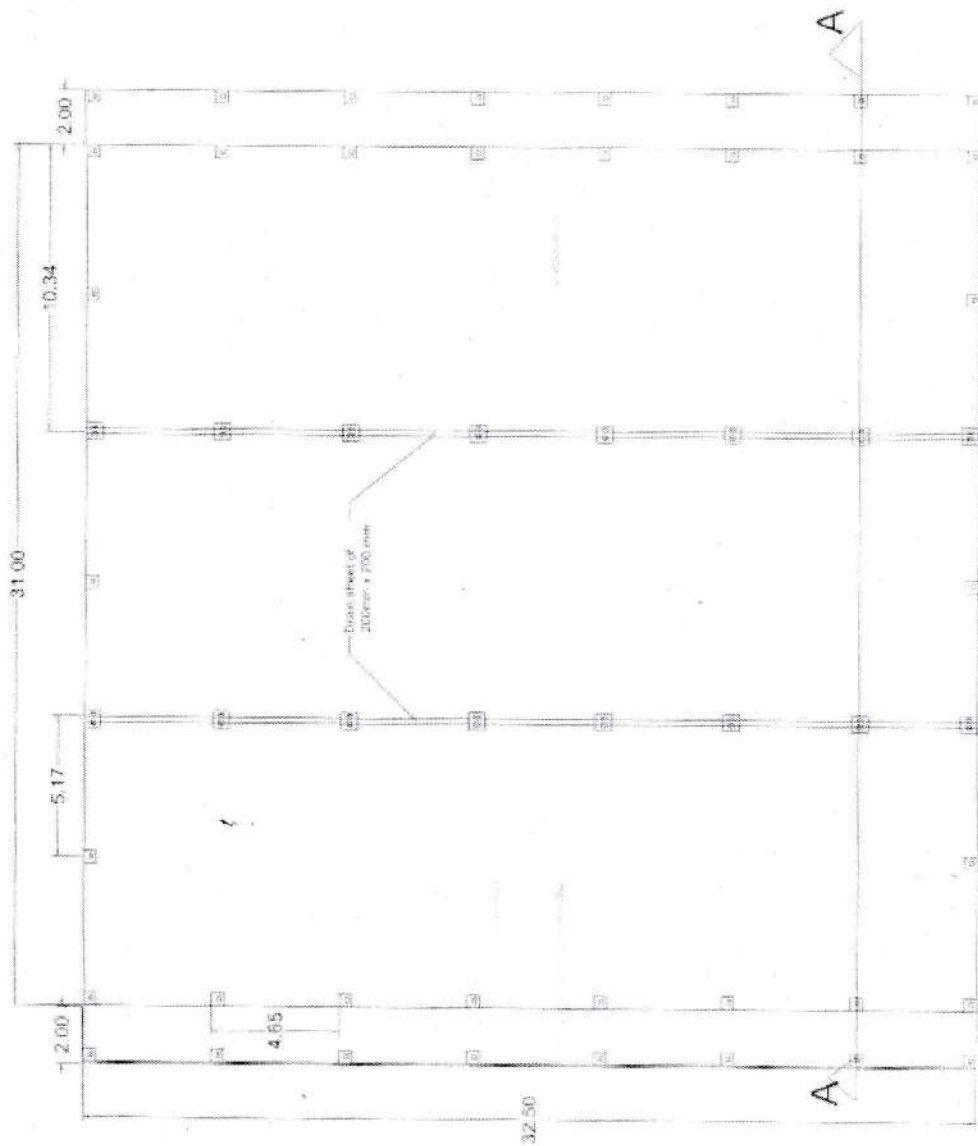
Note: All dimensions are in meter

Design and Draft by:

Trayambak Kumar Verma

AE- Civil, Dr. RPCAU, Pusa

Trayambak Kumar Verma



Note: All dimensions are in meter

Design and Draft by:

Trayambak Kumar Verma
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Trayambak Kumar Verma

Plan of Hi-tech Poly House at KVK, Madhopur