CIN: U74120MH2010PTC207869 MSME Reg. No.: UDYAM-MH-18-0083617 An ISO 9001:2015 Certified Company





Consent from "Expert" to the Company

Date: 24th November 2023

To,

The Board of Directors
M/s. Naman In-Store (India) Limited
E/13-14, Shree Sardar Patel CHSL, Patel Baug,
Nehru Road, Opp. Adarsh Petrol Pump,
Vile Parle (East), Mumbai - 400057
CIN: U74140MH2010PLC205904

Dear Sirs.

Sub: Proposed initial public offering (the "Issue") of equity shares of ₹ 10 (the "Equity Shares") by Naman In-Store (India) Limited.

Background: As per information provided by M/s Naman In-Store (India) Limited, The Company is willing to acquire about 7 acres MIDC land at Buti Bori Nagpur for establishing manufacturing facility. This proposed facility will be an expansion of company's existing manufacturing capacity. Only land development and construction of facility will be done by company and existing machineries owned by company may be shifted to this proposed new facility for manufacturing process.

Scope of Services: M/s Naman In-Store (India) Limited approached M/s Vastukala Consultants (I) Pvt. Ltd. to provide Chartered Engineer services by preparing tentative plan and cost estimate to construct new manufacturing facility and land development on plot to be acquired. Shape and size of land to be assumed as per requirements to construct the requisite manufacturing facility. M/s Naman In-Store (India) Limited is fully aware that the proposed plan and estimate is tentative only based on assumptions and it may change as per actual shape and size of plot to be allotted by MIDC in future. This estimate prepared by Vastukala will be used by client for IPO purpose.

Assumptions: As the land parcel to be utilised for this new facility is not finalised yet, Vastukala had to assume shape and size of land as per standard requirements and prepared the cost estimate for this proposed facility along with land development.

Limitations: As an Expert the scope of work is limited only towards the tentative planning and estimation of proposed factory building construction.

I Manoj B. Chalikwar, Director of M/s Vastukala Consultants (I) Pvt. Ltd. hereby consent to act as an "Expert" to the Company in the capacity of Chartered Engineer only for services provided i.e. preparation of tentative plan and estimate of proposed facility and land development thereof. Also I do consent for inclusion of our name and contact details. in the Draft Red Herring Prospectus / Red Herring Prospectus / Prospectus to be filed by the Company with stock exchange where the Equity Shares of the Company are proposed to be listed and for the purpose of registration with the Registrar of Companies (the "RoC") in respect of the Issue and any other document to be issued or filed in relation to the Issue (collectively, the "Offer Documents"), pursuant to the provisions of section 26 section 32 of the Companies Act 2013. Further, the following details with respect to us may be disclosed in the Offer Documents:

Logo:



Name: Vastukala Consultants (1) Pvt. Ltd.

Address: B1-001, U/B Floor, Boomerang, Chandivali Farm Road, Powai, Andheri (East), Mumbai - 400 072.





 Regd. Office: B1-001, U/B Floor, Boomerang, Chandivali Farm Road, Andheri (East), Mumbai - 400 072, (M.S.), INDIA
 TeleFax: +91 22 28371325/24

🧮 mumbai@vastukala.org

Tel: +91 022 47495919

Fax: +91 22 28371325

Email: mumbai@vastukala.org

Investor Grievance Email: compliance@nipl.co

Website: [www.vastukala.org]

Contact Person: Manoj B. Chalikwar - 9819597579

We further confirm that the information in relation to me is true and correct, not misleading and without omission of any matter that is likely to mislead and adequate to enable investors to make a well-informed decision.

I hereby authorise you to deliver this letter of consent to the RoC pursuant to Sections 26 and 32 and other applicable provisions of the Companies Act, 2013 and the rules and regulations thereunder, each as amended, the Stock exchange and any other regulatory authority, as may be required and/or retain this letter for your records in connection with the Issue and in accordance with applicable law.

I undertake to inform the LM promptly, in writing of any changes to the above information until the Equity Shares commence trading on the Stock exchange. In the absence of any such communication from me, the above-mentioned information should be considered as updated information until the Equity Shares commence trading on the Stock exchange, pursuant to the Issue.

This letter may be relied upon by the Company and the LM appointed in relation to the Issue. I hereby consent for submission of this letter to the Securities and Exchange Board of India, Stock exchange, RoC and any other authority as may be required by law. I further consent to the aforementioned details being included for the records to be maintained by the LM in connection with the Issue and in accordance with applicable laws.

Capitalized terms not defined herein would have the same meaning as attributed to it in the Offer Documents.

Yours faithfully,

For Vastukala Consultants (I) Pvt. Ltd

Manoj Chalikwar Digitally signed by Manoj Chalikwar DN: cn=Manoj Chalikwar, o=Vastukala Consultants (I) Pvt. Ltd., ou=Mumbai, email=manoj@vastukala.org. c=IN Date: 2023.11.24 17:20:01 +05 30*

Manoj B. Chalikwar Director Chartered Engineer (India) Reg.No. CAT-I-F-1763 Reg.No.IBBI/RV/07/2018/10366



cc:

GYR Capital Advisors Private Limited 428, 4th Floor, Gala Empire, Near J B Tower, Drive in Road, Thaltej, Ahmedabad, Gujarat, India – 380054





CIN: U74120MH2010PTC207869 MSME Reg. No.: UDYAM-MH-18-0083617 An ISO 9001:2015 Certified Company





Vastu/Mumbai/11/2023/005160/2303605

22/24-301-UP

Date: 22.11.2023

CHARTERED ENGINEER'S CERTIFICATE

To,
Mr. Raju Paleja,
M/s. Naman In-Store (India) Limited
E/13-14, Shree Sardar Patel CHSL, Patel Baug,
Nehru Road, Opp. Adarsh Petrol Pump,
Vile Parle (East), Mumbai - 400057
CIN: U74140MH2010PLC205904.

Sub: Cost Estimation of the proposed Manufacturing Industrial Unit at Butibori MIDC Industrial Area, Nagpur and for the purpose of proposed IPO by the Company.

Ref: Discussion with Mr. Raju Paleja at his Office on 9th November 2023.

Sir,

Scope of Services: M/s Naman In-Store (India) Limited approached M/s Vastukala Consultants (I) Pvt. Ltd. to provide Chartered Engineer services by preparing tentative plan and cost estimate to construct new manufacturing shed and land development on plot to be acquired. Shape and size of land to be assumed as per requirements to construct the requisite manufacturing facility. M/s Naman is fully aware that the proposed plan and estimate is tentative only based on assumptions and it will change as per actual shape and size of plot to be allotted by MIDC in future. This estimate prepared by Vastukala will be used by client for IPO purpose.

Basic details of the Proposed Unit:

Particulars		Sq. M.	Sq. Ft.
Plot Area assumed area	7 Acers	28,322.00	3,04,858.00
Structure Area		7,000.00	75,348.00
Mezzanine Floor		3,500.00	37,674.00
Plinth Height		1.2M	owsulfar.
Loading Bay	2 No.		Varient & Appropria





Particulars		Sq. M.	Sq. Ft.
Unloading Bay	1 No.		
Roof Sandwich Panels without screw.			
Power requirement	300 KWH		

Based on the requirement provided by Mr. Raju Paleja, we have prepared the tentative Drawings & Preliminary Estimation for budgetary cost of project Excluding the Land cost.

The Summary of cost is as follows and all the mentioned cost figures are in Indian Rupees (₹):

	TOTAL COST SUMMARY						
Sr.		/	Cost (₹)	Total Cost (₹)			
No.	Description	Cost (₹)	(5% Contingency)	(Including of taxes)			
1	Civil Building Estimate	3,96,48,171.15	19,82,408.56	4,16,30,579.71			
2	PEB Estimate	8,59,32,334.74	42,96,616.74	9,02,28,951.48			
3	Site Development Estimate	3,62,50,605.00	18,12,530.25	3,80,63,135.25			
4	Fire Fighting Estimate	1,03,83,425.75	5,19,171.29	1,09,02,597.04			
5	Electrical Estimate	25,59,022.70	1,27,951.14	26,86,973.84			
6	MIDC Plan Approval	90,00,000.00	4,50,000.00	94,50,000.00			
	Total Cost (Including of taxes)	18,37,73,559.34	91,88,677.98	19,29,62,237.32			
	Built Up Area (Sq. ft)			1,13,022.00			
	Cost Per Sq. Ft.			1,707.30			

Based on the Market inquiry, our data base, the Cost for Proposed Manufacturing unit to be developed by M/s. Naman In-Store (India) Limited shall not be more than INR19.30 Cr. based on the present budgetary considerations & it may vary in future subject to then market conditions & Basic requirements.



Hence Certified.

This CE Certificate is prepared for M/s. Naman In-Store (India) Limited.

We further declare that: --

- 1) In the preparation of the CE Certificate, we have relied on the information provided by the client, assumptions requested by the client, ongoing rates for cost of construction, general practices followed for planning and estimation of an industrial unit, market inquiries & our data base for the same.
- 2) The information furnished in this Certificate is true and correct to the best of our knowledge and belief.
- 3) We have no direct or indirect interest in the Unit.
- 4) The cost estimation of the proposed Manufacturing Industrial Unit to be relied upon for the purpose of the proposed IPO by the Company
- 5) We give our consent to the Company for the disclosure of the content recorded here, in the Draft Red Herring Prospectus / Red Herring Prospectus / Prospectus to be filed by the Company with SEBI.

Date: - 22.11.2023

Place: - Mumbai

For Vastukala Consultants (I) Pvt. Ltd.

Manoj Chalikwar

Digitally signed by Manoj Chalikwar DN: cn=Manoj Chalikwar, o=Vastukala Consultants (I) Pvt. Ltd., ou=Mumbai, email=manoj@vastukala.org, c=IN Date: 2023.11.22 17:16:40 +05'30'

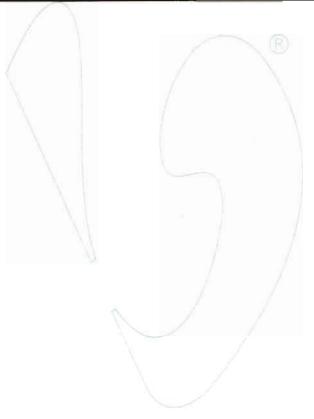


Manoj B. Chalikwar Director Chartered Engineer (India) Reg. No. CAT-I-F-1763 Reg. No IBBI/RV/07/2018/10366

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	TOTAL COST							
	SUMMARY							
SR.NO.	DESCRIPTION	COST	5% Contigency	TOTAL				
1	Civil Building Estimate	3,96,48,171.15	19,82,408.56	4,16,30,579.71				
2	PEB Estimate	8,59,32,334.74	42,96,616.74	9,02,28,951.48				
3	Site Development Estimate	3,62,50,605.00	18,12,530.25	3,80,63,135.25				
4	Fire Fighting Estimate	1,03,83,425.75	5,19,171.29	1,09,02,597.04				
5	Electrical Estimate	25,59,022.70	1,27,951.14	26,86,973.84				
6	MIDC plan approval	90,00,000.00	4,50,000.00	94,50,000.00				
TOTA	L COST (INCLUDING OF TAXES)	19,29,62,237.32						
	BUILT UP	1,13,022.00						
	COST P	1,707.30						



Think.Innovate.Create



	CIVIL BUILDING ESTIN	ATE
Client: M/s. Naman In-Store (India) Limited		

Shed Size : 100.000x70.00x10.00

ABS	TRACT	SHEET
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	ABSTRACT SHEET				
S.No.	Description	Quantity	Unit	Rate (Including of taxes)	Amount (Including of taxes)
A)	Earthwork In Excavation in Medium Soil			i caro,	
1	Excavation in oll kinds of soils except rock requiring blasting for any kind of foundation for trenches, pits etc., for the mentioned depths (1.50m to 3.50m) below average ground level including shoring, strutting for protecting the sides of foundation, pumping, bailing of water so as to keep foundations in dry conditions at any stage of work and drain the water away from the site of work without any extra payment, leveling, ramming the bottom of excavation corting away and disposing of the surplus excavated earth at places shown upto 50.0m site, unloading, spreading, leveling as directed including all leads and lifts, labour etc., all complete.	2697.71	Cum	225.00	6,06,985.70
B)	Anti-Termite Treatment:			3. X 3. 3. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	
2	Providing Pre-constructional anti-termite freatment and creating a chemical barrier to the building by injecting chemical emulsion of required concentrations under raft slab and beam, under Cellular raft slab, alround the footings, collumn pits, trenches, pits, tunnels, wall trenches, back fill, plinth filling, junction of wall and floor, side walls of foundation, external perimeter of building, surrounding of pipes expansion joints, etc. as per IS specification and as per the instructions of chemical manufacturer and all as directed. The treatment shall be carried out strictly in accordance with the technical specification and conforming to IS 6313 or equivalent BS specification. The chemical to be used as insecticides for the treatment shall be CHLOROPYRIPHOS 20% (or) 50% EC and the application shall be dilute one part of chemical 20% or 50% EC with 19 or 49 parts of water to get 1% emulsion and strictly in accordance with the manufacturer's specification.	1.00	Job	2,00,000.00	2,00,000.00
C)	BACK FILLING AND FILLING IN PLINTH				
3	Supplying and filling in area wherever required below/above ground level with COMPACTED earth within the site premises in layers not exceeding 150 mm thick, including well watered and consolidation, leveling, loading, unloading and transportation etc. complete, and as directed.	7636.21	Cu.M	375.00	28,63,578.21
D)	P.C.C AND RCC FOR FOOTING AND BEAM				
4	PCC- Providing and laying required thickness of plain cement concrete of Cast in situ / Ready Mix cement concrete in M15 grade with 20mm and down size coarse graded hard stone aggregate in foundation at any mass concrete and other similar works at all levels and heights, elevations, mechanical mixing, transporting and placing at all lifts, vibrating, compacting, leveling, curing, shuttering, dewatering wherever necessary, the cost of all materials, labour, leads and lifts, tools and plant, machineries etc., complete as per specifications.	109.71	Cum	4,500.00	4,93,691.67
5	RCC - Providing & laying Cast in situ / Ready Mix cement concrete controlled Reinforced Cement Concrete of the following grades using 20mm and down size coarse graded machine crushed hard stone aggregate including designing the mix, weigh batching, mechanical mixing, transporting and placing at all lifts, vibrating, consolidating, curing and finishing smooth as required all exposed faces, complete for the footing Column and Plinth Beam elements including centering, shuttering, form work either straight, curved, plain, tapered or sloped, supplying and mixing admixtures, dewatering wherever necessary, the cost of all complete materials, labour, all leads and lifts, tools, plant and machineries, hire and fuel charges and all other incidental charges etc., all as per specification.				CONSULTANTO

a)	RCC M25 in Footing	187.51	Cum	7,500.00	14,06,358.72
b)	Column M25	125.57	Cum	9,000.00	11,30,139.41
c)	Plinth Beam/Wall. M 25 Grade	137.58	Cum	9,000.00	12,38,222.46
<u>d)</u>	LINTEL BEAM M25 Grade + CHAJJA	34.14	Cum	9,000.00	3,07,256.48
e)	TOILET BEAM M25 Grade + SLAB	18.96	Cum	9,000.00	1,70,596.59
E)	STEEL REIINFORCEMENT				
6	Supplying, Cutting and fixing in position MS bars conforming to IS-432/ High yield strength deformed bars conforming to IS-1786 of Fe 500 Grade of alt dia for reinforcement in all RCC in situ works including flooring and precast works at all levels and heights above finished floor level and for foundations, trenches, pits, tunnels, lift pits etc., below finished floor level including cost of straightening, cutting, bending to shape fabricating and tying with 18 gauge Gl binding wire, providing and fixing cement cover blocks, dewatering wherever necessary etc., all complete as per drawings and specifications and as directed by the Engineer. The rate to include cost of binding wire, cement cover blocks, ail cuts and wastes which will not be measured. Only laid weight will be measured including authorised laps. Cuts and wastes will not be measured for payment. (included footing, column, slab steel, beam steel)	50717.28	kg	78.00	39,55,948.11
F)	Masonary Works				
7	Providing and constructing brick work with best quality well chamber table moulded bricks with minimum compressive strength of 35 Kg per Sqcm in cement mortar 1:5 in Superstructure etc. complete, all as directed. At all Levels, Only good approved quality locally available chamber burnt bricks shall be used. The rate to include for scaffolding where necessary and curing and all materials and labour complete.	202.91	Cum	6,800.00	13,79,756.09
G)	Plastering Works				
8	INTERNAL PLASTER - Plastering the interior surface of walls with cement mortar 1:4, 12 mm thick and wood float finish and trowel finish to inside with neat cement rendering including racking joints, hacking preparation of surface, scaffolding, forming grooves wherever necessary curing etc., complete at all levels, elevations and heights. The rate includes for provision of chicken mesh wherever necessary at junctions of RCC column beams etc., and lapping of the mesh should not be less than 75 mm etc., all complete, with neeru finish for interior worksShed Int Plaster	1104.58	Sam	650.00	7,17,980.00
9	EXTERNAL PLASTER - Providing and applying sand faced plaster EXTERNALLY in CM 1:4 and including base coat of 15mm thick in cement mortar 1:4 using waterproofing compound at 1kg per cement bag curing the same for not less than 2days and keeping the surface of the base coat rough to receive the sandfaced treatment 6 to 8mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days on RCC /brick masonry to all heights, including scaffolding, raking out of joints, mouldings and providing grooves in plaster 12 mm wide and 12 mm deep where 2 different materials are in line (eg. RCC & masonry etc.) all as directed by the Engineer, curing etc., complete as per specifications and the drawings. For external plastering.	1668.70	Sam	750.00	12,51,526.77
H)	FLOORING WORK				
10	Flooring in Toilet Block - Providing and laying Mahine cut ceramic tiles of JOHNSON/ Kajaria/ Nitco/ Asian or equivalent make having size 30 cm x 30 cm antiskid confirming 1.S.15622/2006 (group D II-A) and 7 to 8 mm thick for flooring in required position laid on a bed of 1:3 (1 cement and 3 coarse sand) cement mortar including cement float, filling joint with white/colour cement slurry cleaning curing complete.	73.20	Sq.m	1,200.00	87,844.07





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11	Waterproofing Treatment to new Terrace by using Polymeric cementitious membrane of approved make & approved by Engineer in charge. If there are cracks on the bare slab open the crack in V Groove and fill it with P.M.M. and if there are lots of honeycombs and identified bad patches of concrete the same should be grouted by grouting procedures. Clean the entire surface thoroughly and over this prepared surface, apply three coats of polymeric waterproofing coating having a breathable non toxic acrylic polymer liquid of approved make & approved b Engineer in charge over this waterproofing treatment, provide and lay brick bat coba of average 112 mm thickness.	146.41 Y	\$q.m	2,500.00	3,66,016.95
12	Wall Tiles - DADO- Providing and laying Dada tiles of RAK/Kajaria Nitco /Asian or equivalent make having size 30 cm. x 45 cm. for dado in required position with readymade adhesive mortar of approved quality on plaster of 1:2 cement mortar including joint filling with white/ colour cement slurry cleaning curing complete.	254.34	Sq.m	1,200.00	3,05,209.01
J)	Door Window and Rolling Shutter				
13	ROLLING SHUTTER - Electrical Operated and Manually -operated type rolling shutters with Manually operating gear Box ordinarily employ a worm drive arrangement, the worm driving the worm wheel attached to one end of the roller. Worm drive is preferred in view of its irreversible nature, which provides a safeguard against any accidental downward descent of the curtain due to failure of the springs. The shutter required 16 gauge. The construction procedure of the shutter should be as per IS 2202. The shutter shall be shop prepared for taking mortice lock or latches suitable lock block of wood may be provided for fixing the hardware. The size of block, shall perfectly correspond to the maximum size of lock, covered in IS 2209. All the four edges of the door shutter shalbe square. The shutter shall be free from twist or warp in its plane and of required size etc. complete as directed by EIC. Rate shall include for supplying and fixing the correspoding hardwares mentioned in each items as below according to the relevant locations	f 152.00	Sgm	5,000.00	7,60,000.00
14	Providing and fixing in position of Aluminium sliding window using natural anodised sections J 8758 for outerframe, section J 8766 for side vertical, section J4653 for shutter frame, section J8765 for Interlocking frame with 5mm thick float glass with Double track and all accessories and finished the surface neat etc complete as directed by Engineer In charge	84.65 e.Cr	Sqm e a t	2,500.00	2,11,612.50
15	Providing and fixing in position of mild steel grill with black oil paint of Asian Make work for windows, ventilators etc. 20 kg / sam as per drawing including fixtures, necessary welding and painting with one coats of anticarrosive paint and two coats of oil painting complete.by Engineer In charge	1692.90	kg	105.00	1,77,754.50
17	Providing and fixing in position Granite (260mm width) with all accessories and finished surface neat etc for all Doors and Windows complete as directed by Engineer In charge	437.19	RM	600.00	2,62,314.00
18	Providing and fixing ventilator with exhaust fan fabricated out of natural anodised aluminium sections sections 9835 with adjustable aluminium louvre system, handles, cill section and 6 mm frosted float glass louvers with edges ground all as per drawings standord specifications and as directed by Engineer-in Charge.	8.00	Nos.	3,000.00	24,000.00





6,00,000.00	75,000.00	Nos.	8.00	Supply & fixing of 2hr. Fire rated hollow metal doors Fire door (Refer fire door dwg) with Door Frame, all doors and frames shall be finished with polyurethane atiphatic grade paint of approved colour. The door leaf and frame shall have passed minimum 250 hours of salt sprey test, hardware etc complete	19
60,000.00	15,000.00	Nos.	4.00	Supply & fixing of Single leaf Flush Door(For tollet entry doors) With 125 High SS Kick plate on both sides of the door Fully flush shutter with commercial ply on both sides and finished with 1.5mm thick laminate on both sides of approved colour, make and shade with Door Frame and hardware etc.complete.	20
1,20,000.00	15,000.00	Nos.	8.00	Supply & fixing of Single leaf Flush Door(For toilet entry doors) With 125 High SS Kick plate on both sides of the door Fully flush shutter with commercial ply on both sides and finished with 1.5mm thick laminate on both sides of approved colour, make and shade with Door Frame and hardware etc.complete.	21
		Jan. 1	0	TRIMIX FLOOR	K)
29,92,500.00	3,000.00	Cum	997.50	Metalling /GSB:- Proving and Laying of 150mm thick Metalling /GSB over fully compacted sub base including stone packing hand-set with broader side flat, filling voids /interestices with smaller size hand broken stones, binding layer of sand or stone grit including compaction with 8-10 T power roller, complete as per requirements.	22
29,92,500.00	4,500.00	Cum	665.00	PCC - Providing and laying required thickness of plain cement concrete of Cast in situ / Ready Mix cement concrete in M15 grade with 20mm and down size coarse graded hard stone aggregate in foundation at any mass concrete and other similar works at all levels and heights, elevations, mechanical mixing, transporting and placing at all lifts, vibrating, compacting, leveling, curing, shuttering, dewatering wherever necessary, the cost of all materials, labour, leads and lifts, tools and plant, machineries etc., complete as per specifications.	23
64,83,750.00	6,500.00	Cum	997.50 e.Cr	RCC - Providing & laying cast-in-situ controlled Reinforced Cement Concrete of the following grades using 20mm and down size coarse graded machine crushed hard stone aggregate including designing the mix, weigh batching, mechanical mixing, transporting and placing at all lifts, vibrating, consolidating, curing and finishing smooth as required all exposed faces, complete for the Trimix Floor including centering, shuttering, form work either straight, curved, plain, tapered or sloped, supplying and mixing admixtures, dewatering wherever necessary, the cost of all complete materials, labour, all leads and lifts, tools, plant and machineries, hire and fuel charges and all other incidental charges etc, all as per specification. M25 Grade	24





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25	STEEL REIINFORCEMENT -Supplying. Cutting and fixing in position MS bars conforming to IS-432/ High yield strength deformed bars conforming to IS-1786 of Fe 500 Grade of all dia for reinforcement in all RCC in situ works including flooring and precast works at all levels and heights above finished floor level and for foundations, trenches, pits, tunnels, iiff pits etc., below finished floor level including cost of straightening, cutting, bending to shape fabricoting and tying with 18 gauge GI binding wire, providing and fixing cement cover blocks, dewatering wherever necessary etc., all complete as per drawings and specifications and as directed by the Engineer. The rate to include cost of binding wire, cement cover blocks, all cuts and wastes which will not be measured. Only laid weight will be measured including authorised laps. Cuts and wastes will not be measured for payment. (included footing, column, slab steel, beam steel)	33250.00	kg	75.00	24,93,750.00
26	EXPANSION JOINT - Providing the Expansion Joint on Vacuum Dewatering Floor surface at Every 28.0m with Mild Ø16 @450 C/C 600 long Bar With minimum 300mm embedment in current pours. The exposed 300mm MS bar shall be greased and covered with PVC pipe with close tolerance. Shalitex Board or equivalent shall be used to separate the joint with minimum 25mm gap on the top. The top 25 mm gap shall be filled with homogeneous bitumen or poly-sulphate or equivalent material as per drawing and as directed by Engineer-In-charge.	294.50	RMT	1,000.00	2,94,500.00
27	GROOVE CUTTING AT CONSTRUCTION JOINT - Providing grooves of size 6 mm wide and 40 mm deep on vacuum de-watering floor surface at every 20 Sqm area grooves made by groove cutting machine with diamond cutting wheel and filling of the grooves with polysulphide based elastic, pourble grade sealant including complete installation as per manufacturer's method statement including cleaning of the joint, repair of the joint edges (if required), backer rod, primer, finishing etc.Sealant: Sika® Polysulphide / BASF / CIPY or approved equivalent make.Product requirements: Confirms to BS 4254-1983, IS 12118(PT1&2)-1987(Potable water certification) and ASTM C 920 87 TYPE M GRADE NS CLASS 25; density: approx. 1.62 kg/ltr; movement accommodation factor: 25% af average joint width	684.00	RMT	1,000.00	6,84,000.00
28	GROOVE CUTTING AT DUMMY JOINT- Providing grooves of size 4 mm wide and 25 mm deep on vacuum de-watering floar surface at every 20 Sqm area grooves made by groove cutting machine with diamond cutting wheel and filling of the grooves with polysulphide based elastic, pourble grade sealant including complete installation as per manufacturer's method statement including cleaning of the joint, repair of the joint edges (if required), backer rod, primer, finishing etc. Sealant: Sika® Polysulphide / BASF / CIPY or approved equivalent make. Product requirements: Confirms to BS 4254-1983, IS 12118(PT1&2)-1987(Potable water certification) and ASTM C 920 87 TYPE M GRADE NS CLASS 25; density: approx. 1.62 kg/ltr; movement accommodation factor: 25% of average joint width	1529.50	eate RMT	1,000.00	15,29,500.00
i)	ANCHOR BOLT	0			
29	Fixing anchor bolts with pedestal at pitch and gauge as per structural drawing with threading projecting outside pedestal as per drawing. Anchor Bolts shall be truly vertical in position and the template of minimum 8 mm thick shall be used to locate the Bolt in position before casting. The fixing of anchor Bolt shall be such that the anchor Bolt shall not disturb from it's position and alignment at casting. Anchor Bolt shall be greased and tape to protect from weather etc complete as directed by Engineer in charge. Grouting the space below base plate with Sikagrout 214 (Sika or its approved equivalent make)	650.00	Nos.	1,200.00	7,80,000.00





M)	PAINTING WORKS	0			
30	Providing two coats of paint to plastered surface of approved colour with Internal OBD Paint or equivalent make over a coat of primer specified by the manufacturer and (smooth sanded) to give an even surface etc., including preparation of surface, scaffolding, etc., complete at all levels, elevations and heights. The surface should be thoroughly prepared and cleaned before painting. The painting must be done as per manufacturer's specification. (asian or Burger).	1104.58	Sqm	250.00	2,76,146.15
31	Providing two coats of Exterior Apex Asian or Burger Paint paint to plastered surface of approved colour and make over a coat of primer and full putty (smooth sanded) to give an even shade etc., including preparation of surface, scaffolding etc., complete at all levels, elevations and heights. The surface should be thoroughly prepared and cleaned before painting. The painting must be done as per manufacturer's specification.(asian or Burger)	1668.70	Sqm	350.00	5,84,045.83
N)	DOCK & RAMP	0	100		
32	Excavation in all kinds of soils except rock requiring blasting for any kind of foundation for trenches, pits and tunnels etc., for the following depths below average ground level including shoring, strutting for protecting the sides of foundation, pumping, bailing of water so as to keep foundations in dry conditions at any stage of work and drain the water away from the site of work without any extra payment, leveling, ramming the bottom of excavation ,carting away and disposing of the surplus excavated earth at places shown upto 50.0m site, unloading, spreading, leveling as directed including all leads and lifts, labour etc., all complete.	183.71	Cum	250.00	45,927.99
33	Supplying and filling in area wherever required below/above ground level with COMPACTED earth within the site premises in layers not exceeding 150 mm thick, including well watered and consolidation, leveling, loading, unlaading and transportation etc. complete, and as directed.	279.40	Cu.M	375.00	1,04,773.29
34	PCC - Providing and laying required thickness of plain cement concrete of mix PCC 1:2:4 grade with 20mm and down size coarse graded hard stone aggregate in foundation at any mass concrete and other similar works at all levels and heights, elevations, mechanical mixing, transporting and placing at all lifts, vibrating, compacting, leveling, curing, shuttering, dewatering wherever necessary, the cost of all materials, labour, leads and lifts, tools and plant, machineries etc., complete as per specifications.	30.60	Cum	4,500.00	1,37,698.18
35	RCC - Providing & laying cast-in-situ controlled Reinforced Cement Concrete of the following grades using 20mm and down size coarse graded machine crushed hard stone aggregate including designing the mix, weigh batching, mechanical mixing, transporting and placing at all lifts, vibrating, consolidating, curing and finishing smooth as required all exposed faces, complete for the Trimix Floor including centering, shuttering, form work either straight, curved, plain, tapered or sloped, supplying and mixing admixtures, dewatering wherever necessary, the cost of all complete materials, labour, all leads and lifts, tools, plant and machineries, hire and fuel charges and all other incidental charges etc., all as per specification.	79.30	Cum	7,500.C0	5,94,779.90





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36	STEEL REIINFORCEMENT -Supplying, Cutting and fixing in position MS bars canfarming to IS-432/ High yield strength defarmed bars canfarming to IS-1786 af Fe 500 Grade of all dia far reinfarcement in all RCC in situ works including floaring and precast works at all levels and heights above finished floor level and for foundations, trenches, pits, tunnels, lift pits etc., below finished floor level including cost of straightening, cutting, bending to shape fabricating and tying with 18 gauge GI binding wire, providing and fixing cement cover blocks, dewatering wherever necessary etc., all complete as per drawings and specifications and as directed by the Engineer. The rate to include cost of binding wire, cement cover blocks, all cuts and wastes which will not be measured. Only laid weight will be measured including authorised laps. Cuts and wastes will not be measured for payment. (included footing, column, slab steel, beam steel)	3262.83	kg	75.00	2,44,712.59
37	Providing and Fixing of Angle ISA 75x75x8 at dock corner with the anchorage of flat 60x75x4 at 500 c/c etc complete under supervision of EIC	50.00	Rm	1,125.00	56,250.00
38	Providing and Fixing of BUMPER TO AVOID DASHING OF VEHICLE TO DOCK etc complete under supervision of EIC	8.00	Nos.	2,500.00	20,000.00
P)	FIRE STAIR	0			
39	Excavation in all kinds of soils except rock requiring blasting for any kind of foundation for trenches, pits and tunnels etc., for the following depths below average ground level including shoring, strutting for protecting the sides of foundation, pumping, bailing of water so as to keep foundations in dry conditions at any stage of work and drain the water away from the site of work without any extra payment, leveling, ramming the bottom of excavation, carting away and disposing of the surplus excavated earth at places shown upto 50.0m site, unloading, spreading, leveling as directed including all leads and lifts, labour etc., all complete.	10.77	Cum	250.00	2,693.25
40	Supplying and filling in area wherever required below/above ground level with COMPACTED earth within the site premises in layers not exceeding 150 mm thick, including well watered and consolidation, leveling, loading, unloading and transportation etc. complete, and as directed.	5.79	Cu.M	375.00	2,171.70
41	PCC - Providing and laying required thickness of plain cement concrete of mix PCC 1:2:4 grade with 20mm and down size coarse graded hard stone aggregate in foundation at any mass concrete and other similar works at all levels and heights, elevations, mechanical mixing, transporting and placing at all lifts, vibrating, compacting, leveling, curing, shuffering, dewatering wherever necessary, the cost of all materials, labour, leads and lifts, tools and plant, machineries etc., complete as per specifications.	le ^{2.13}	Cum	4,500.00	9,576.00
42	Providing and constructing brick work with best quality well chamber table moulded bricks with minimum compressive strength of 35 Kg per Sqcm in cement mortar 1:5 in Superstructure etc. complete, all as directed. At all Levels. Only good approved quality locally available chamber burnt bricks shall be used. The rate to include for scaffolding where necessary and curing and all materials and labour complete.	12.18	Cum	6,500.00	79,179.56





43	Providing and fixing machine cut machine polished 18 mm to 20 mm thick telephone black granite for treads and risers of steps and staircases of approved colour and shade with full moulding and three grooved line for the trads on bed of 1:4 Cement mortar including float filling joints with neat cement slurry curing polishing and cleaning etc. complete, as directed by Engineer In charge	25.79	Sq.m	600.00	15,475.50
44	Supplying and fixing 50mm dia (2 mm min wall thickness) \$.\$ hand rails with 32mm dia MS tube (2mm min wall thickness) verticals 900 mm high (exposed) at about 300 mm c/c and 32 mm dia (2 mm min wall thickness) MS steel pipe baluster including MS base plate grouted to step raises ,welding and grinding etc. Running length of MS hand rail will only be measured for payment.	28.50	RM	5,000.00	1,42,500.00
Q)	Miscellanious Item				
45	Plumbing - Supplying, laying and testing Unplasticised Non-Pressure Polyvinyl chloride (PVC-U) Pipes of "prince" or its equivalent approved make, for underground drainage and sewerage systems - Confirming to IS 15328:2003 - pipe in trenches to required gradients and provide sand cushion for pipes to the full width of trench above and below the pipe to required minimum thickness etc., complete, rates including excavation in all sorts of soils for laying pipes, forming bottom surface to required level, refilling selected excavated earth around the pipe of 150mm thick, watering, consolidating and disposing off the surplus earth with in the site or as directed by the site engineer complete including Check valve, butterfly valve, Brass ball valve with necessary specials such as unions, flange efc.and not specifically mention in this list to complete the plumbing work complete, as directed by client etc. complete.	30.50	Sq.m	10,000.00	3,04,950.00
52	Supplying and fixing of Syntex Tank over toilet block with all necessary supports ,accessories etc complete. (2000 lit) including Brass Float valve with pvc ball including necessary fittings in over head tank etc. complete	1.00	Nos.	55,000.00	55,000.00
53	Supplying and fixing Fabricated Staircase to Access Toilet Roof Top with necessary fittings etc.complete	1.00	Nos.	25,000.00	25,000.00
	TOTAL (Including of taxes)				3,96,48,171.15
	22412	- /			
	GRAND TOTAL (Including of taxes)	- //			3,96,48,171.15

Think.Innovate.Create





	Client : M/s. Naman In-Store (India) Limited				
	Shed Size : 70.00mx100.00mx10.00m				
	Brickwork : 3M High All around				
Sr.No	Description	Quantity	Unit	Supply Price +Installation Price	Amount (Including of taxes)
1	Providing and Fixing of Main Structure Including, Fabrication, Sand Blasting, Erection for Calumns, Rafters, Base Plates, Cannecting Plates, Stiffeners, excluding any type of wastage etc Complete as per Structural Engineers Drawings Having Grade -EN350 and Quality A/BR/BO. ,	1,42,643.64	Kg	110.00	1,56,90,800.5
2	Providing and Fixing of Mezzanine Structure Including, Fabrication, Sand Blasting, Eraction for Columns, Beam, Base Plates, Cannecting Plates, Stiffeners, excluding any type of wastage etc Complete as per Structural Engineers Drawings Having Grade -EN350 and Quality A/BR/BO.,	2,29,057.92	Kg	110.00	2,51,96,371.20
3	Providing and Fixing of Staircase with Railing Including, Fabrication, Sand Blasting, Erection for Stringer, Base Plates, Connecting Plates, Stiffeners, excluding any type of wastage etc Complete as per Structural Engineers Drawings Having Grade -EN350 and Quality A/BR/BO. ,	15,200,00	Kg	110.00	16,72,000.0
4	Providing and Fixing of decksheet etc Complete as per Structural Engineers Drawings Having Grade - EN350 and Quality A/BR/BO.,	35,790.30	Kg	110.00	39,36,933.0
5	Providing and Fixing of Canopy and Ridge Monitor Including, Calumn and rafter Fabrication, Sand Blasting, Brection for Connecting Plates, Stiffeners, excluding any type of wostage etc Complete as per Structural Engineers Drowings Having	8,961.55	Kg	110.00	9,85,770.5
6	Providing and Fixing af Portal trame Beam, Column Structure Including, Fabrication, Sand Blasting, Erection for , Base Plates, Connecting Plates, etc Complete as per Structural Engineers Drawings Having Grade - EN350 and Quality A/BR/BO., Brand - TATA	6,295.17	Kg	110.00	6,92,468.2
7	Providing Anchor Bolts as per specification of structural engineers drawing having Grade 8.8 / 4.6 Class Make-TATA Accepted. Pioting required for threads	2,394.02	Kg	125.00	2,99,252.8
8	Providing and Fixing of Purlin and Side Girt Having Specification as per structural engineers drawings. Having Grade -E 350.Cold Formed Section -Make-TATA/ Coating Thk. 275 GSM.	65,502.46	Kg	110.00	72,05,270.8
9	Providing and fixing of 12 mm sag rod having YST 250 MPA as specified by structural engineer, Make - TATA - Painted	2,658.69	Kg	120.00	3,19,042.9
10	Praviding and fixing of 24 mm Bracing Rod having YST 250 MPA as specified by structural engineer, Make -TATA - Painted	3,310.64	Kg	120.00	3,97,276.7
11	Providing and Fixing Pipes Including Fabrication, Sand Blasting of Tie Runner as specified by structural engineers drawing having YST -310 MPA. Make- TATA Structura Painting - Epoxy Based Primer 40 Mic. 1 Coat + Epoxy Paint 40 Mic. 2 Coats	5,682.30	Kg	120.00	6,81,875.9
12	Hardware-Minimum 8.8 Grade for primary & 4.6 Grade for secondary. All primary & secondary bolts shall be galvanized. For Purlins M12 X35 MS Bolts are allowed with galvanizing/Plating. Make- TVS or UNBRECO	2,964.00	Kg	350,00	10,37,400.0
13	Praviding and fixing of Standing seam roof sheeting PPGL Sheet of 0.47mm thick with necessary flashing with closer etc complete, sandwitch panel with insulation between panel. Complete	7,202.52	Sq.m	2,650.00	1,90,86,678.0
14	Providing and Fixing of Cladding Sheet of Single skin PPGL sheet of 0.5 mm this with necessary accessories such as foom closure. The cladding sheet is projected outside the face of plastered brick wall/ auterface of columns as mentioned in the drawing and excluding any type of wastage (TATA)	6,187.82	Sq.m	850.90	52,59,650.2
	Providing and Fixing of Flange Brace angles having YST 250 MPA as per structural engineers	reate			
15	specification Make -TATA	3,322.50	Kg	126,00	3,98,699.5
16	All necessary flashing wherever required shall be provided. The thickness of such flashing shall not be less than 0.5mm TCT. Flashing shall be matching to reading sheef colored box type flashing. Make - TATA	4,827.02	kg	175,00	8,44,728.8
17	Gutter wherever required shall be provided. The thickness of such Gutter shall not be less than 0.50mm TCT. Flashing shall be matching to roofing sheet. Make - TATA	1,407.90	kg	225.00	3,16,777.
18	Downtale wherever required shall be provided. The thickness of such shall not be iless than 0.5mm TCT. downtake shall be matching to roofing sheet. Make - TATA (150 X 150 X 0.5 MM)	1,444.95	kg	225.00	3,25,113.
19	Providing and fixing of 2.0 mm thick embossed polycarbonate (PC) with safety mesh sheet matching to parent roa' sheeting profile. All the joints shall be made water light. Refer our drawing. In addition a MS strap gill between purios shall be provided below the PC area for safety purpose.	355.68	Sq.M	1.892.00	6,40,224.
20	Providing and Fixing of Cage Ladder to access roof level at a suitable location etc complete	2.00	Nos	1,50,000.00	3,00,000.
21	Supply and installation of Lifeline for Pheriphery of shed including all accessories. Etc complete.	323.00	RM	2,000.00	6,46,000.0
-	Total Cost (Including of taxes)				8,59,32,334.





	SITE DEVELOPME	NT			
	Client : M/s. Naman In-Store (India) Limited				
S.No.	Description ABSTRACT SHEET	Quantity	Unit	Rate (Including of taxes)	Amount (Including of taxes)
A)	Excavation and Backfilling for levelled Plot				
1	Excavation in all kinds of soils except rock requiring blasting for any kind of foundation for trenches, pits and tunnels etc., for the following depths below average ground level including shoring, strutting for protecting the sides of foundation, pumping, bailing of water so as to keep foundations in dry conditions at any stage of work and drain the water away from the site of work without any extra payment, leveling, ramming the bottom of excavation , carting away and disposing of the surplus excavated earth at places shown upto 50.0m site, unloading, spreading, leveling as directed including all leads and lifts, labour etc., all complete.		Cum	225.00	
2	Supplying and filling in area wherever required below/above ground level with COMPACTED earth within the site premises in layers not exceeding 150 mm thick, including well watered and consolidation, leveling, loading, unloading and transportation etc. complete, and as directed.		Cu.M	375.00	-
B)	COMPOUND WALL				
3	Providing and Construction of Compound wall of 1.80m height with RCC footing, column, brickwork plaster, paint etc complete.	665.00	RMT	10,000.00	66,50,000.00
	Metal work above Compund wall				
4	Providing and fixing metal fencing/ grill for 900mm hight above compound wall as per drawing and specifications below. The Y frame made up of ISA 50x50x6 thick shall be placed at 2m interval with minimum enbedment of 300mm in the compund wall. The 4 runs of feincing wire shall be tightly run through out the lenght of compund wall followed by round shape barbed fencing wire of min 450mm diameter with maximum pitch of 300mm. All barbed wire shall consist of class 3 galvanized 4-point barbs spaced not more than 5" apart. Galvanized barbed wire shall be fabricated from 12-1/2 gauge class 1 galvanized or better or 15-1/2 gauge class 3galvanized strand wire and shall meet the requirements of ASTM A121. HT Class 3 barbed 15 ½ gauge wire meeting the requirement of ASTM A121 may also be used. All the metal work above compound wall shall be applied with one coat of primer (Zinc cromate) followed by two coafs of oil bond paint of approved colour and brand by engineer in charge, inclunding all work shall be in plum, line and level with coumoun wall, etc. complete.	665.00 te.Cr	RMT eat	900.00	5,98,500.00





C)	ROAD WORK				
5	Soling: Proving and Laying of 150mm thick rubble soling each over fully compacted sub-base including stone packing handset with broader side flat, filling voids /interestices with smaller size hand broken stones, binding layer of sand or stone grit including compaction with 8-10 T power roller, complete as per requirements.	2,016.00	Cum	350.00	7,05,600.00
6	HDPE - Providing and laying 0.5 MICRON thickness of HDPE SHEET Below Trimix Floor etc., complete as directed by engineer-in-charge.	13,440.00	Sq.m	47.00	6,31,680.00
7	RCC - Providing & laying cast-in-situ controlled Reinforced Cement Concrete of the following grades using 20mm and down size coarse graded machine crushed hard stone aggregate including designing the mix, weigh batching, mechanical mixing, tronsporting and placing at all lifts, vibrating, consolidating, curing and finishing smooth as required all exposed faces, complete for the Trimix Floor including centering, shuttering, form work either straight, curved, plain, tapered or sloped, supplying and mixing admixtures, dewatering wherever necessary, the cost of all complete materials, labour, all leads and lifts, tools, plant and machineries, hire and fuel charges and all other incidental charges etc., all as per specification.	1,344.00	Cum	6,000.00	80,64,000.00
8	STEEL REIINFORCEMENT - Supplying, Cutting and fixing in position MS bars conforming to IS-432/ High yield strength deformed bars conforming to IS-1786 of Fe 500 Grade of all dia for reinforcement in all RCC in situ works including flooring and precast works at all levels and heights above finished floor level and for foundations, trenches, pits, funnels, lift pits etc., below finished floor level including cost of straightening, cutting, bending to shape fabricating and tying with 18 gauge Gl binding wire, providing and fixing cement cover blocks, dewatering wherever necessary etc., all complete as per drawings and specifications and as directed by the Engineer. The rate to include cost of binding wire, cement cover blocks, all cuts and wastes which will not be measured. Only laid weight will be measured including authorised laps. Cuts and wastes will not be measured for payment.	67,200.00	kg	70.00	47,04,000.00
9	EXPANSION JOINT - Providing the Expansion Joint on Vacuum De-watering Floor surface at Every 28.0m with Mild Ø16 @450 C/C 600 long Bar With minimum 300mm embedment in current pours. The exposed 300mm MS bar shall be greased and covered with PVC pipe with close tolerance. Shalitex Board or equivalent shall be used to separate the joint with minimum 25mm gap on the top. The top 25 mm gap shall be filled with homogeneous bitumen or poly-sulphate or equivalent material as per drawing and as directed by Engineer-In-charge.	208.00	leate	900.00	1,87,200.00





10	GROOVE CUTTING AT CONSTRUCTION JOINT - Providing grooves af size 6 mm wide and 40 mm deep on vacuum de-watering floor surface at every 20 Sqm area grooves made by graove cutting machine with diamond cutting wheel and filling of the grooves with polysulphide based elastic, pourble grade sealant including complete installation as per manufacturer's method statement including cleaning of the joint, repair of the joint edges (if required), backer rod, primer, finishing etc.Sealant: Sika® Polysulphide / BASF / CIPY or approved equivalent make.Product requirements: Confirms to BS 4254-1983, IS 12118(PT1&2)-1987(Patable water certification) and ASTM C 920 87 TYPE M GRADE NS CLASS 25; density: approx. 1.62 kg/ltr; movement accommodation factor: 25% of average joint width	1,660.00	RMT	900.00	14,94,000.00
11	GROOVE CUTTING AT DUMMY JOINT- Providing grooves of size 4 mm wide and 25 mm deep on vacuum de-watering floor surface at every 20 Sqm area grooves made by groove cutting machine with diamond cutting wheel and filling of the grooves with polysulphide based elastic, pourble grade sealant including complete installation as per manufacturer's method statement including cleaning of the joint, repair of the joint edges (if required), backer rod, primer, finishing etc. Sealant: Sika® Polysulphide / BASF / CIPY or approved equivalent make. Product requirements: Confirms to B\$ 4254-1983, I\$ 12118(PT1&2)-1987(Potable water certification) and ASTM C 920 87 TYPE M GRADE N\$ CLAS\$ 25; density: approx. 1.62 kg/ltr; movement accommodation factor: 25% of average joint width	3,120.00	RMT	450.00	14,04,000.00
D)	GUTTER				
	Earthwork In Excavation in Medium Soil				
12	Providing and Construction of Compound wall of 1.80m neight with RCC footing, column, brickwork plaster, paint etc complete.	665.00	RMT	7 105 00	
	Will kee fooling, colorni, blickwork plastic, paint of complete.	005.00	NIMIT	7,125.00	47,38,125.00
13	Providing and Laying of Steel Granite Cover to carry vehicle load over the gutter having width 600mm with wall thickness of 150mm at suiltable location as per drawings etc, complete.	665.00	RMT	1,900.00	12,63.500.00
13	Providing and Laying of Steel Granite Cover to carry vehicle load over the gutter having width 600mm with wall thickness of 150mm at suiltable location as per drawings etc,		7		
	Providing and Laying of Steel Granite Cover to carry vehicle load over the gutter having width 600mm with wall thickness of 150mm at suiltable location as per drawings etc, complete. Providing and Laying of Hume pipe of dia 450mm at suiltable	665.00	RMT	1,900.00	12,63,500.00
14	Providing and Laying of Steel Granite Cover to carry vehicle load over the gutter having width 600mm with wall thickness of 150mm at suiltable location as per drawings etc, complete. Providing and Laying of Hume pipe of dia 450mm at suiltable location as per drawings etc, complete.	665.00	RMT	1,900.00	12,63,500.00
14 E)	Providing and Laying of Steel Granite Cover to carry vehicle load over the gutter having width 600mm with wall thickness of 150mm at suiltable location as per drawings etc, complete. Providing and Laying of Hume pipe of dia 450mm at suiltable location as per drawings etc, complete. UNDERGROUND WATER TANK Providing and Construction of Underground water tank including Excavation, Backfilling, Waterproofing, RCC,	665.00	RMT	1,900.00	12,63,500.00
14 E)	Providing and Laying of Steel Granite Cover to carry vehicle load over the gutter having width 600mm with wall thickness of 150mm at suiltable location as per drawings etc, complete. Providing and Laying of Hume pipe of dia 450mm at suiltable location as per drawings etc, complete. UNDERGROUND WATER TANK Providing and Construction of Underground water tank including Excavation, Backfilling, Waterproofing, RCC, Reinforcement, formwork, manhole etc complete.	665.00	RMT	1,900.00	12,63,500.00
14 E) 15	Providing and Laying of Steel Granite Cover to carry vehicle load over the gutter having width 600mm with wall thickness of 150mm at suiltable location as per drawings etc, complete. Providing and Laying of Hume pipe of dia 450mm at suiltable location as per drawings etc, complete. UNDERGROUND WATER TANK Providing and Construction of Underground water tank including Excavation, Backfilling, Waterproofing, RCC, Reinforcement, formwork, manhole etc complete. SEPTIC TANK Providing and Construction of Septic Tank including Excavation, Backfilling, Waterproofing, RCC,	250.00 250.00 2,00,000.00	RMT RMT	1,900.00	12,63,500.00 4,75,000.00 34,00,000.00
14 E) 15 F)	Providing and Laying of Steel Granite Cover to carry vehicle load over the gutter having width 600mm with wall thickness of 150mm at suiltable location as per drawings etc, complete. Providing and Laying of Hume pipe of dia 450mm at suiltable location as per drawings etc, complete. UNDERGROUND WATER TANK Providing and Construction of Underground water tank including Excavation, Backfilling, Waterproofing, RCC, Reinforcement, formwork, manhole etc complete. SEPTIC TANK Providing and Construction of Septic Tank including Excavation, Backfilling, Waterproofing, RCC, Reinforcement, formwork, manhole etc complete.	250.00 250.00 2,00,000.00	RMT RMT	1,900.00	12,63,500.00 4,75,000.00 34,00,000.00
14 E) 15 F) 16 G)	Providing and Laying of Steel Granite Cover to carry vehicle load over the gutter having width 600mm with wall thickness of 150mm at suiltable location as per drawings etc, complete. Providing and Laying of Hume pipe of dia 450mm at suiltable location as per drawings etc, complete. UNDERGROUND WATER TANK Providing and Construction of Underground water fank including Excavation, Backfilling, Waterproofing, RCC, Reinforcement, formwork, manhole etc complete. SEPTIC TANK Providing and Construction of Septic Tank including Excavation, Backfilling, Waterproofing, RCC, Reinforcement, formwork, manhole etc complete. Rainwater Harvesting Pit Providing and Constructing of Rainwater Harvesting Pit at a suiltable	250.00 250.00 2,00,000.00	RMT Eit Lit	1,900.00 1,900.00 17.00 9.00	12,63,500.00 4,75,000.00 34,00,000.00 1,35,000.00
14 E) 15 F) 16 G) 17	Providing and Laying of Steel Granite Cover to carry vehicle load over the gutter having width 600mm with wall thickness of 150mm at suiltable location as per drawings etc, complete. Providing and Laying of Hume pipe of dia 450mm at suiltable location as per drawings etc, complete. UNDERGROUND WATER TANK Providing and Construction of Underground water tank including Excavation, Backfilling, Waterproofing, RCC, Reinforcement, formwork, manhole etc complete. SEPTIC TANK Providing and Construction of Septic Tank including Excavation, Backfilling, Waterproofing, RCC, Reinforcement, formwork, manhole etc complete. Rainwater Harvesting Pit Providing and Constructing of Rainwater Harvesting Pit at a suiltable location as per drawings etc, complete.	250.00 250.00 2,00,000.00	RMT Eit Lit	1,900.00 1,900.00 17.00 9.00	12,63,500.00 4,75,000.00 34,00,000.00 1,35,000.00
14 E) 15 F) 16 G) 17 H)	Providing and Laying of Steel Granite Cover to carry vehicle load over the gutter having width 600mm with wall thickness of 150mm at suiltable location as per drawings etc, complete. Providing and Laying of Hume pipe of dia 450mm at suiltable location as per drawings etc, complete. UNDERGROUND WATER TANK Providing and Construction of Underground water fank including Excavation, Backfilling, Waterproofing, RCC, Reinforcement, formwork, manhole etc complete. SEPTIC TANK Providing and Construction of Septic Tank including Excavation, Backfilling, Waterproofing, RCC, Reinforcement, formwork, manhole etc complete. Rainwater Harvesting Pit Providing and Construction of Rainwater Harvesting Pit at a suiltable location as per drawings etc, complete. Entrance Gate Providing and Placing of Entrance Gate at suitable posiition with accessories etc complete. GARDENNING	250.00 250.00 2,00,000.00 15,000.00	RMT Eit Lit PIT	1,900.00 1,900.00 17.00 9.00 2,25,000.00	12,63,500.00 4,75,000.00 34,00,000.00 1,35,000.00 4,50,000.00
14 E) 15 F) 16 G) 17 H) 18	Providing and Laying of Steel Granite Cover to carry vehicle load over the gutter having width 600mm with wall thickness of 150mm at suiltable location as per drawings etc, complete. Providing and Laying of Hume pipe of dia 450mm at suiltable location as per drawings etc, complete. UNDERGROUND WATER TANK Providing and Construction of Underground water fank including Excavation, Backfilling, Waterproofing, RCC, Reinforcement, formwork, manhole etc complete. SEPTIC TANK Providing and Construction of Septic Tank including Excavation, Backfilling, Waterproofing, RCC, Reinforcement, formwork, manhole etc complete. Rainwater Harvesting Pit Providing and Construction of Rainwater Harvesting Pit at a suiltable location as per drawings etc, complete. Entrance Gate Providing and Placing of Entrance Gate at suitable posiition with accessories etc complete.	250.00 250.00 2,00,000.00 15,000.00	RMT Eit Lit PIT	1,900.00 1,900.00 17.00 9.00 2,25,000.00	12,63,500.00 4,75,000.00 34,00,000.00 1,35,000.00 4,50,000.00
14 E) 15 F) 16 G) 17 H) 18	Providing and Laying of Steel Granite Cover to carry vehicle load over the gutter having width 600mm with wall thickness of 150mm at suiltable location as per drawings etc, complete. Providing and Laying of Hume pipe of dia 450mm at suiltable location as per drawings etc, complete. UNDERGROUND WATER TANK Providing and Construction of Underground water fank including Excavation, Backfilling, Waterproofing, RCC, Reinforcement, formwork, manhole etc complete. SEPTIC TANK Providing and Construction of Septic Tank including Excavation, Backfilling, Waterproofing, RCC, Reinforcement, formwork, manhole etc complete. Rainwater Harvesting Pit Providing and Construction of Rainwater Harvesting Pit at a suiltable location as per drawings etc, complete. Entrance Gate Providing and Placing of Entrance Gate at suitable posiition with accessories etc complete. GARDENNING Providing and preparing gardening at a suiltable location as	250.00 250.00 2,00,000.00 15,000.00 2.00	RMT RMT Lit PIT Nos	1,900.00 1,900.00 17.00 9.00 2,25,000.00	12,63,500.00 4,75,000.00 34,00,000.00 1,35,000.00 4,50,000.00
14 E) 15 F) 16 G) 17 H) 18	Providing and Laying of Steel Granite Cover to carry vehicle load over the gutter having width 600mm with wall thickness of 150mm at suiltable location as per drawings etc, complete. Providing and Laying of Hume pipe of dia 450mm at suiltable location as per drawings etc, complete. UNDERGROUND WATER TANK Providing and Construction of Underground water fank including Excavation, Backfilling, Waterproofing, RCC, Reinforcement, formwork, manhole etc complete. SEPTIC TANK Providing and Construction of Septic Tank including Excavation, Backfilling, Waterproofing, RCC, Reinforcement, formwork, manhole etc complete. Rainwater Harvesting Pit Providing and Constructing of Rainwater Harvesting Pit at a suiltable location as per drawings etc, complete. Intrance Gate Providing and Placing of Entrance Gate at suitable posiition with accessories etc complete. GARDENNING Providing and preparing gardening at a suiltable location as per drawings etc, complete.	250.00 250.00 2,00,000.00 15,000.00 2.00	RMT RMT Lit PIT Nos	1,900.00 1,900.00 17.00 9.00 2,25,000.00	12,63,500.00 4,75,000.00 34,00,000.00 1,35,000.00 4,50,000.00 4,50,000.00







B168	Client : M/s. Naman In-Store (India) Lim	ited		and the state of the	W - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	THE RESERVE		
SR. No.	DESCRIPTION	QTY A	UNIT B	Unit Rate D	Amount E=A X D	Labour Rate F	Amount G=F*A	TOTAL MATERIAL + LABOUR (Including of taxes)
A	FIRE PUMP HOUSE							
1	PUMP HOUSE EQUIPMENT							
1)	Supply & Installation of Electric Motor driven Main Fire pumpset, with Rated speed of 2900 RPM for Hydrant System One Working. Electricals .2850 LPM @80 Mtr Head , Kirloskar/ KSB	2	SET	2,32,750.00	4,65,500.00	23,750.00	47,500.00	5,13,000.00
2)	Supply & Installation of Diesel driven main fire pump 2850LPM with rated speed of 2300 RPM for hydrant system	1	SET	4,22,750.00	4,22,750.00	23,750.00	23,750.00	4,46,500.00
	with motor,base plate,coupling&coupling guard,tank,battery backup complete set . kirloskar/KSB/LUBI 2850 LPM @80 Mtr Head			/		B		
3)	Supply & Installation of Electric motor driven Jockey pressurisation Fire Hydrant & Sprinkler pump set pressure with rated speed of 2900 RPM With the AC motor, Base plate, Coupling & coupling guard etc. complete. JOCKEY 180 LPM ELECTRICAL Kirloskar/KSB	2	SET	68,875.00	1,37,750.00	14,250.00	28,500.00	1,66,250.00
4)	Supply & Installation of of Electric motor starter control panel, compartmentalised wall monted. Auto/Manual operations of the above 2pump sets main & Jockey pump set Drives of Hydrant system FCS L&T	1	SET	1,66,250.00	1,66,250.00	14,250.00	14,250.00	1,80,500.00
5)	Pressure gage And Swiches With Air Vessel	2	set	21,375.00	42,750.00	1,425.00	2,850.00	45,600.00
6)	Cable for Main Fire Pumps Pump Fire To Panel	2	set	13,775.00	27,550.00	1,425.00	2,850.00	30,400.00
7)	Supply & Installation of Footvalve	5	nos	10,640.00	53,200.00	1,140.00	5,700.00	58,900.00
8)	Supply & Installation of C.I. Butterfly Valve with matcing Flanges(2 Nos) Accessories as per specifications. For pump							
a)	150 mm NB	12	No.	4,560.00	54,720.00	285.00	3,420.00	58,140.00
b)	80 mm NB	4	No	3,277.50	13,110.00	285.00	1,140.00	14,250.00
9)	Supply & Installation of C.I. Flanged Type Non Return Valves with Matching Flanges (2 Nos.) with Accessories as per specifications.Flanged Eng							
a)	150mm NB	3	No	5,320.00	15,960.00	285.00	855.00	16,815.00
b)	100mm NB	2	No.	4,275.00	8,550.00	285.00	570.00	9,120.00
10)	Supply Of priming uint	1	set	20,425.00	20,425.00	950.00	950.00	21,375.00
	Total of (A) (including of taxes)				14,28,515.00		1,32,335.00	15,60,850.00
	the state of the s	120 200	4 400	THE THE PART OF TH				

Yard Hydrant / Ring / Hose Reel Hydrant (Around The Building) System





_	FIRE FIGHTING ESTIMATE							
	Client : M/s. Naman In-Store (India) Lim	ited		"Lorent			The state of	
SR. No.	DESCRIPTION	QTY A	UNIT B	Unit Rate D	Amount E=A X D	Labour Rate F	Amount G=F*A	TOTAL MATERIAL + LABOUR (Including of taxes)
В	HYDRANT SYSTEM (Enternal And External Plant)							
1)	Supply, fabircation, installation, testing & commissioning of pipes as per IS 1239 part 1, inclusive of required pipe fittings such as bends, elbows, flanges, reducers, tee, unions, sockets, barrel nipples, etc. Inclusive of pipe clamps, hardware, gaskets etc. inclusive of required primer & 1 coates of synthetic enamel as per IS code. For Ring Main, Pump Room Suction & Delivery, Court Hydrant Stand post Make Jindal/ Apollo Erw MS C Class					B		
a)	150mm NB	910	RMT	1,810.00	16,47,100.00	600.00	5,46,000.00	21,93,100.00
b)	100 mm NB	12	RMT	1,280.00	15,360.00	400.00	4,800.00	20,160.00
c)	80mm NB	90	RMT	890.00	80,100.00	300.00	27,000.00	1,07,100.00
2)	Supply & Installation of 63mm Dia oblique pattern single Headed SS Hydrant Landing Valves with Female type Instantanious coupling outlet including Flanged Inlet to ASA - 150 LBS Rating & Drilling and valve to IS:5290/A. for courtyard, Fire Escape & Internal Hydrants as per specifications. New Age ,	29	Nos.	5,800.00	1,68,200.00	100.00	2,900.00	1,71,100.00
3)	Double door Hose Box each Landing Accessories FCS	29	Nos.	2,550.00	73,950.00	100.00	2,900.00	76,850.00
4)	Supply & Installation of short pattern Branch pipe with Nozzle 63 mm dia. SS ISI Newage	29	Nos.	2,450.00	71,050,00	100.00	2,900.00	73,950.00
5)	Supply & Installation of 63mm Dia controlled percolated canvas un- lined type fire Hoses to IS:8423 with female and male instantanious coupling. SS ISI Newage	58 Th	Nos.	4,200.00	2,43,600,00 bte.Cre	ate	5,800.00	2,49,400.00
6)	Supply & Installation of Hose Reel System at Various Point. Newage/SIR/IFT	10	Nos.	8,200.00	82,000.00	100.00	1,000.00	83,000.00
7)	4 Way Fire Brigade Service Inlet for Fire Brigade Service	1	Nos.	8,400.00	8,400.00	500.00	500.00	8,900.00
8)	Support steel and feeting for Hydrunt System	1	Set	65,000.00	65,000.00	10,000.00	10,000.00	75,000.00
	7.1-1-1/ 0.2 (0.1-1)				04.54.740.00		/ 02 000 00	20.50.540.00
	Total of (B) (Including of taxes)	I	I	I	24,54,760.00	1	6,03,800.00	30,58,560.00





	Client M. A. Naman In Store (India) Line	il and			Belleville Control	11111111111111		THE RESERVE OF THE PERSON NAMED IN
SR.	Client : M/s. Naman In-Store (India) Lim	nea	_					TOTAL MATERIAL
No.	DESCRIPTION	QTY A	UNIT B	Unit Rate D	Amount E=A X D	Labour Rate F	Amount G=F*A	TOTAL MATERIAL + LABOUR (Including of taxes)
С	SPRINKLER SYSTEMS:-							
	Supply, fabircation, installation, testing & commissioning of pipes as per IS 1239 part 1, inclusive of required pipe fittings such as bends, elbows, flanges, reducers, tee, unions, sockets, barrel nipples, etc. Inclusive of pipe clamps, hardware, gaskets etc. inclusive of							
	required primer & 1 coate of synthetic enamel as per IS code.Make Jindal/Apollo ERW MS C Class							
	Siridaly Apollo ERVV 1/VIS C Class		\					
	/1					R)		
a)	200mm NB	90	RMT	2,327.50	2,09,475.00	760.00	68,400.00	2,77,875.00
b)	150 mm NB	880	RMT	1,719.50	15,13,160.00	570.00	5,01,600.00	20,14,760.00
c)	100 mm NB	90	RMT	1,216.00	1,09,440.00	380.00	34,200.00	1,43,640.00
d)	80mm NB	190	RMT	845.50	1,60,645.00	285.00	54,150.00	2,14,795.00
e)	50mm NB	0	RMT	1	-	1 20010		
e)	40 mm NB	1260	RMT	375.25	4,72,815.00	114.00	1,43,640.00	6,16,455.00
f)	32 mm NB	2980	RMT	327.75	9,76,695.00	114.00	3,39,720.00	13,16,415.00
_	25 mm NB	0	RMT		-		-	-
2)	Supply & Installation of conventional Discharge Disc pattern Fast response Quartzoid Bulb Sprinklers, in Forged Brass/Bronze Body Yoke Construction having chrome finish of suitable "k" factor Orifice & inlet size (mm dia) with 68/79 degrees celsius fixed temperature rating for the Q.B. & duly UL/FM listed		V					
a)	Upright Type sprinklers - k 115 68 c make - HD / Tyco	1385	Nos.	484.50	6,71,032.50	76.00	1,05,260.00	7,76,292.50
b)	Crane For Sprinkler Installations	1	job	-7	-		-	-
b)	Support Steel For Sprinkler Installations	1	set	52,250.00	52,250.00	14,250.00	14,250.00	66,500.00
c)	Sprinkler Valves set	4	Nos.	36,575.00	1,46,300.00	1,900.00	7,600.00	1,53,900.00
	Total of (C) (Including of taxes)				43,11,812.50		12,68,820.00	55,80,632.50
	Fire Alarm System							
	Fire alarm system Supply & Installation of Alarm Equipment & Fire control panels :-							
a)	Fire Alarm Panel Addresble Type make Ravel,haneywell,GST	1	Nos.	58,600.00	55,670.00	14,250.00	14,250.00	69,920.00
b)	Cabling for Alram System Make -FRLS polycab	1800	Mtr	85.00	80.75	28.50	51,300.00	51,380.75
c)	MCP and Hooter	18	Nos.	9,800.00	9,310.00	285.00	5,130.00	14,440.00
d)	Smoke Detector	30	Nos.	1,950.00	1,852.50	285.00	8,550.00	10,402.50
e)	Beam detector	8	Nos.	25,600.00	24,320.00	570.00	4,560.00	28,880.00
	TOTAL of (D) (Including of taxes)				91,233.25		83,790.00	1,75,023.25
	Portable Fire Extinguisher							





	Client: M/s. Naman In-Store (India) Lim	ited						
SR. No.	DESCRIPTION	QTY A	UNIT B	Unit Rate D	Amount E=A X D	Labour Rate F	Amount G=F*A	TOTAL MATERIAL + LABOUR (Including of taxes)
Е	HAND APPLIANCES (Various Location)							_
1)	Supply & Installation of ISI Marked & approved Hand Held Portable Type Fire Extinguishers with required discharge valves & Nozzles having connecting hose pipes as wall mounting/floor mounting Make Ronak / ISI							
a)	6 kg capacity ABC type Dry Chemical Powder Fire Extinguishers with Wall Mounting Brackets	10	Nos.	1,800.00	1,710.00	95.00	950.00	2,660.00
с)	4.5kg capacity Co-2 type Dry Chemical Powder Fire Extinguishers with Wall Mounting Brackets	2	Nos.	5,800.00	5,510.00	95.00	190.00	5,700.00
	TOTAL of E (Including of taxes)				7,220.00		1,140.00	8,360.00
	Total Of Fire System (Including of taxes)	T						1,03,83,425.75

SUMMERY									
Sr. No	Material Details	Material Amount (Including of taxes)	Labour Amount (Including of taxes)	Total (Including of taxes)					
1	Fire Pump House -	14,28,515.00	1,32,335.00	15,60,850.00					
2	Yard Hydrent System -	24,54,760.00	6,03,800.00	30,58,560.00					
3	Fire Sprinkler System -	43,11,812.50	12,68,820.00	55,80,632.50					
4	Fire Alram System -	91,233.25	83,790.00	1,75,023.25					
5	Fire Extinguishers-	7,220.00	1,140.00	8,360.00					
	Grand Total (Including of taxes)	82,93,540.75	20,89,885.00	1,03,83,425.75					

Think.Innovate.Create





	SUMMARY	OF ELECTRICAL		
PROJEC	CT :- PROPOSED INDUSTRIAL BUILDING			
Client :	M/s. Naman In-Store (India) Limited			
WORK:-	LT WORK BOQ offer			
Sr. No. Description		Amount (Includin	Total Amount	
31. NO.	Description	Supply	Installation	(Including of taxes)
A	LT WORK			
1	SECTION- I: LV PANELS AND DISTRIBUTION BOARDS.	52,000.00	6,000.00	58,000.00
II	SECTION- II : L.V. CABLES & CABLE TRAYS	6,88,400.00	3,37,000.00	10,25,400.00
		0.70.500.00	5 00 100 70	44.75.600.70
IV	SECTION III: LIGHTING SYSTEM & POINT WIRING	9,72,500.00	5,03,122.70	14,75,622.70
	TOTAL AMOUNT (Including of taxes)	17,12,900.00	8,46,122.70	25,59,022.70



						PRICE (Including of taxes)						
SR. NO.	DESCRIPTION		NTITY	MAKE	SUPPLY		INSTALLATION		GRAND TOTAL			
	DESCRIPTION			MAKE	RATE	AMOUNT	RATE	AMOUNT	SUPPLY + INSTALLATION			
		TOTAL	UNIT									
1	SECTION- I : L DISTRIBUTION BOARDS.		, ,		***************************************							
1.0	Supply & Installation of distribution board of various sizes on wall/ Column/ floor mounting (Flush / Recess mounting for switchboards), with required hardware & fasteners. All MCBs shall be rated for 10kA & shall be of Legrand / Schneider make. All the DBs are inclusive of MCB, terminal connectors, earth bus, neutral bus, undrilled gland plate and earth terminals (2nos.)			Legrand / L&T / Schneider								
1.1	NLP (PPI): IP 43 metal door wall mounted Ekinoxe TPN distribution board, ETPN, 6 ways with 1 No. 32A FP MCB + 3 Nos. 32A DP RCCB (100mA) as an incomer, and 18 Nos. 10A SP MCB as an outgoing. EQUIVALENT TO LEGRAND CAT NO. FOR 8 WAY Ekinox3 ETPN DB WITH METAL DOOR 507672	2	Nos.		16,500	33,000	1,500	3,000	36,000			
Vastu	NLP (PPI): IP 43 metal door wall mounted Ekinoxe TPN distribution board, ETPN, 4 ways with 1 No. 32A FP MCB + 3 Nos. 32A DP RCCB (100mA) as an incomer, and 12 Nos. 10A SP MCB as an outgoing. EQUIVALENT TO LEGRAND CAT NO. FOR 6 WAY Ekinox3 ETPN DB WITH METAL DOOR 507671	0	Nos.		15,500	0	1,500	0	c			
Jkala	ELP: IP 43 metal door wall mounted Ekinoxe SPN distribution board, 12 ways with 1 No. 32A DP RCBO (100mA) as an incomer and 8 Nos. 16A SP MCB as an outgoing.	1	Nos.		7,000	7,000	1,000	1,000	8,000			
Consu	ELDB/UPSDB: IP 43 metal door wall mounted Ekinoxe SPN distribution board, 12 ways with 1 No. 16A DP RCBO (100mA) as an incomer and 8 Nos. 6A SP MCB as an outgoing.	2	Nos.		6,000	12,000	1,000	2,000	14,000			
O	SUB TOTAL OF SECTION - I					52,000.00		6,000.00	58,000.00			
F	SECTION-II: L.V. CABLES & CABLE TRAYS	1				7						
ts (I) Pvt. Ltd.	Supply, Installation, Testing & Comissioning of 1100 V grade, FRLS multi-stranded Aluminium / Copper Conductor, XLPE insulated, inner & outer extruded PVC sheath compound type- ST2, galvanized steel wire / strip Armoured Power cables as per IS 7098 part I, of following sizes to be laid in trays / underground pipes / buried in ground. Civil work such as Cable trays / supports are measured separately. Miscellaneous items such as cable dressing accessories like cable tie, Aluminium clamps, GI cleats, cable tags shall be included etc. Removal of empty drums & making site normal as instructed by Client is included in the scope. (Actual cable lengths shall be measured at site prior to procurement.) Bidder has to consider Cable tagging at both side of the cable end.		/	Polycab / KEI / RR		∕⊚.						
1.1	4C x 10 Sq.mm. A2XFY cable.	200	Rmtr		125	25,000	95	19,000	44,000			
1.2	3C x 4 Sq.mm. 2XFY cable.	100	Rmtr		200	20,000	75	7,500	27,500			
-	3C x 2.5 Sq.mm. 2XFY cable.	1500	Rmtr		125	1,87,500	60	90,000	2,77,500			
1.5	C x 1.5 Sq.mm. YY cable.	150	Rmtr		60	9,000	50	7,500	16,500			

						es)				
SR.		QUANTITY		MAKE	SUPPLY		INSTALLATION		GRAND TOTAL	
NO.	DESCRIPTION	QOA!		WANE	RATE	AMOUNT	RATE	AMOUNT	SUPPLY + INSTALLATION	
		TOTAL	UNIT							
2.00	Supply, Installation, Testing and commissioning of Cable end terminations for HV and LV, XLPE/PVC insulated, PVC sheathed, armoured/ unarmoured flexible power / control / DC cables including supply and fixing of Ni plated Double compression cable glands, stripping of cable insulation, supply and fixing of aluminium lugs for aluminium cables and tinned plated copper lugs for copper cables for all phases and crimping the same to the conductor for the following cables. Miscellaneous items like cable lugs, G.I nut - bolts and G.I washers, consumables and other hardware materials as required to make the installation complete, are in the scope. All G.I Nut, bolt and washers shall be HDGI with 80 micron.									
2.1	4C x 10 Sq.mm, A2XFY cable.	4	Nos		250	1,000	250	1,000	2,000	
2.2	3C x 4 Sq.mm. 2XFY cable.	4	Nos		200	800	250	1,000	1,800	
2.3	3C x 2.5 Sq.mm. 2XFY cable.	160	Nos		175	28,000	175	28,000	56,000	
24	3C x 1.5 Sq.mm. YY cable.	160	Nos		150	24,000	150	24,000	48,000	
24										
tukal	Supply, Installation, Testing and Commissioning of readymade 2500mm standard length, Pre galvanised GI Perforated cable tray from 14/16 SWG MS sheet (Min.80 microns thickness), of following sizes and associated accessories such as ready made coupler plates, tees, elbow, bends etc. 50 MM / 75 mm /100 mm side flanges shall be provided. Mounting height for the cables trays shall be appx. 6 to 9 mtr from FFL.		3							
3	50 mm wide (50 mm Side Flange) (16 SWG)	750	Rmtr		225	1,68,750	100	75,000	2,43,750	
3.3	200 mm wide (50 mm Side Flange) (14 SWG)	350	Rmtr		350	1,22,500	125	43,750	1,66,250	
onsul	Supply, Installation, Testing and Commissioning of readymade 2500mm standard length, prefabricated G. I. Cover from 14 SWG MS sheet and then hot dip galvanized for the following tray size & associated accessories such as coupler plates, tees, elbows etc. 25mm side flange shall be provided.	1	-							
<u>•</u>	50 mm wide	50	Rmtr		175	8.750	60	3,000	11,750	
4.2	200 mm wide	30	Rmtr		270	8,100	75	2,250	10,350	
(s)	Steel support structure - All supports shall be provided with two coats of primer and epoxy paint as specified in the specification.		-			- 3				
PV5 Lto	Cable tray / pipe rack supports from PEB structures - supply, fabrication & erection, finishing, painting etc. The supports shall be painted with 2 coats of red oxide primer and 2 coats of epoxy paint. Type of structural items required, but not limited to, shall be ISMC 100, ISMC 75, ISA 50x50x6mm, ISA 65x65x6, ISA 40x40x3, MS plate 3/ 6/ 10mm or any other size as per requirement.	1	Ton		85,000	85,000	35,000	35,000	1,20,000	
	SUB TOTAL OF SECTION - II					6,88,400.00		3,37,000.00	10,25,400.00	



					PRICE (Including of taxes)					
SR.				MAKE	SUPPLY		INSTALLATION		GRAND TOTAL	
NO.	DESCRIPTION	QUANTITY			RATE	AMOUNT	RATE	AMOUNT	SUPPLY + INSTALLATION	
		TOTAL	UNIT						_	
ĩũ	SECTION III : LIGHTING SYSTEM & POINT WIRING				200					
Vas	NOTE: 1) Point wiring shall include the FRPVC medium duty surface / concealed conduit / raceways / casing capping (if specifically asked in drawing), clamps, conduit accessories, flexible Gl conduits, FR insulated stranded copper conductor wires and earthing wires, pull boxes, ceiling rose, down rods, saddle, spacers, clamps, cleats, hardware, accessories, anchor fasteners, joints/connectors, Conduit junction box etc. 2) Wiring shall be done in wire colour codes. Colour code of wire for phases, UPS, Neutral and earth shall be separate. 3) The necessary connector, if required for looping of wires from switchboard to switchboard shall be included. 4) Switch board combination consisting of switches, sockets, cover plates, metal flush /surface box, shall be inclusive in this BOQ as per specifications, drawings and control schedule)			
tukala c	Point Wiring Surface / concealed point wiring for light / fan call bell / 5 A points with 3 x 1.5 Sq.mm. multistrand Cu. FR wires 1100 V gr. in 25mm dia. 2mm the. PVC conduits / flexible PVC conduits wherever required as mains from LDB to Switch Board and sub-mains 3 x 1.5 Sq.mm. Wires for each point complete(submains will be measured separately) with necessary modular SP switch, metal switch box, switch plates and accessories. (Maximum 3 to 4 points shall be controlled by one switch / MCB in switchboard.)	(Switch Sockets - Havells / Legrand Wires- Polycab, Conduit - Precision / diamond- PVC						
onseltan	Concealed conduit Point wiring Point Wiring for Lighting Point wiring from switchboard to lighting fixtures with 1.1 kV grade FRLS stranded copper conductor wires (3R x 1.5 sqmm for Ph+N+E) laid in 25 mm dia medium duty FR PVC conduit. Contractor shall quote for point rate considering FR wires, 25 mm PVC conduit, as per specifications, drawings and control schedule. (Bidder to consider Point length as per site conditions.)									
nts	a) Primary Points (From switchboard to first Light fitting)	0	Nos.		1,250	0	618	0	0	
=	b) Secondary points (From first Light fitting to further looping as per lighting layout)	0	Nos.		600	0	428	0	0	
) Pv¤ Ltd	Surface conduit Point wiring Point Wiring for Lighting Point wiring from switchboard to lighting fixtures with 1.1 kV grade FRLS stranded copper conductor wires (3R x 1.5 sqmm for Ph+N+E) laid in 25 mm dia medium duty FR PVC conduit. Contractor shall quote for point rate considering FR wires, 25 mm PVC conduit, as per specifications, drawings and control schedule. (Bidder to consider Point length as per site conditions.)									
	a) Primary Points (From switchboard to first Light fitting)	10	Nos.		125	1,250	523	5,225	6,475	
	b) Secondary points (From first Light fitting to further looping as per lighting layout)	20	Nos.		600	12,000	333	6,650	18,650	
VASTURAL STATE OF THE PARTY OF	Set 3R x 1.5 Sq.mm. FRLS Copper Wire (Red, Black, Green) with 25 mm FRPCV Conduit. From high planting Distribution Board to Switch Board (Submain for Lighting Circuit)	1052	Rmts			0		0	0	



					PRICE (Including of taxes)					
SR.	DESCRIPTION	QUANTITY		MAKE	SUPPLY		INSTALLATION		GRAND TOTAL	
NO.					RATE	AMOUNT	RATE	AMOUNT	SUPPLY + INSTALLATION	
		TOTAL	UNIT							
5	LIGHTING FIXTURES: handling, installation at a height of 6.0 Mtrs with cherry picker/ scissors lift testing, commissioning & performance demonstration of luminaires including electronic or electromechanical ballast, terminal connectors, lamp and other accessories as specified below. The luminaires and lamps shall be as per the details indicated in section drawings, Rates quoted for installation of lighting fixtures shall include the mounting & supporting SS hardware, clamps/connectors & all other accessories required for proper fixing of the lighting luminaires. All necessary 3Rx1Cx1.5 sq.mm PVC FRLS copper conductor flexible wire from junction box to fixture control gear box & up to fixture, assembly of fixture & integral wiring of fixture & terminations are included in the scope.			Bajaj Make						
5.1	120W High bay LED Lighting fixtures Make Bajaj Cat no- BAJAJ BGHBM PRO B 180L WH NB SD or Equivalent.	63	Nos.		12500	7,87,500	7,208	4,54,098	12,41,5	
5.2	70W Low bay LED Lighting fixtures Make Bajaj Cat no-OPTIBAY 80W WH NB PC SD or Equivalent.	10	Nos.		10,500	1,05,000	850	8,500	1,13,	
5.4	12 W LED CIRCULAR Surface DOWN LIGHTER Make Philips BPSLR Surface 12W LED WH RD SD WH or Equivalent	10	Nos.		750	7,500	450	4,500	12,0	
5.6	Junction Cable with 10A SP Socket & Pulg	63	Nos.		750	47,250	300	18,900	66,1	
5.7	Supply, Installation , testing & commissioning of 5 kVA 1 Ph I/P & 1ph O/P ONLINE UPS system with 30 min. battery back-up and necessary accessories to complete the job.	1	Nos.		12,000	12,000	5,250	5,250	17.:	
	SUB TOTAL OF SECTION - IV	1				9,72,500.00		5,03,122.70	14,75,622.	

Consultant :- PRV Engineers and Consultant

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