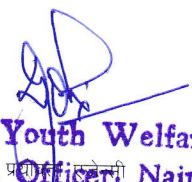


प्रपत्र-25

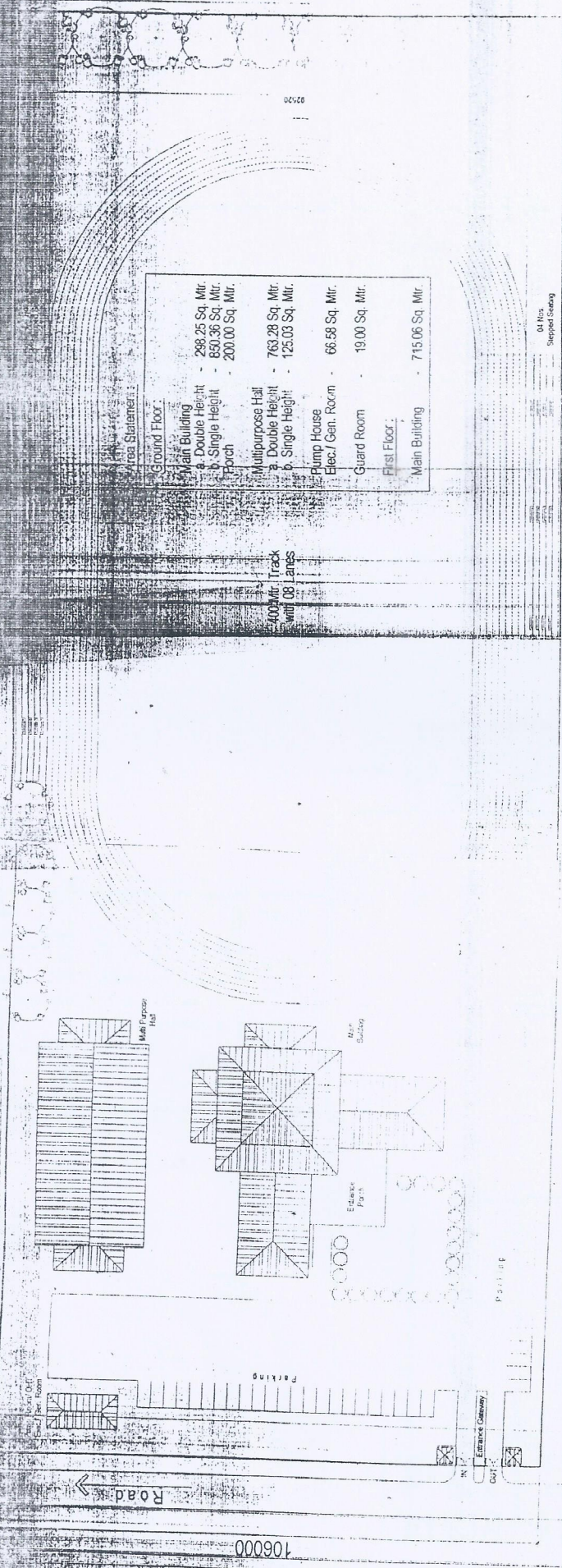
परियोजनाका नाम:- शहीद मोहननाथ गोस्वामी मेमोरियल मिनी स्टेडियम कानिर्माण ।

परियोजनाकामदवारविवरण ।

S.no.	Particuler	Area(Sqm.)	Area(Hc.)
1	Administrative Block	1963.67	0.196367
2	Multipurpose Hall	888.31	0.088831
3	Pump House / Generator Room	66.58	0.006658
4	Guard Room	19.00	0.001900
5	Construction of Boundry Wall	228	0.022800
6	Shitting arrangement for Spectator	780	0.078000
7	Open Ground	46016.44	4.601644
	Total Area	49962.00	4.9962


Distt. Youth Welfare &
P.V.D. Officer, Nainital.

285000



Area Statement :	
Ground Floor :	
Main Building	- 298.25 Sq. Mtr.
a. Double Height	- 850.36 Sq. Mtr.
b. Single Height	- 200.00 Sq. Mtr.
Porch	
Multipurpose Hall	- 763.28 Sq. Mtr.
a. Double Height	- 125.03 Sq. Mtr.
b. Single Height	
Pump House	- 66.58 Sq. Mtr.
Elec./ Gen. Room	
Guard Room	- 19.00 Sq. Mtr.
First Floor :	
Main Building	- 715.06 Sq. Mtr.

106000

To Bareilly

To Meerut

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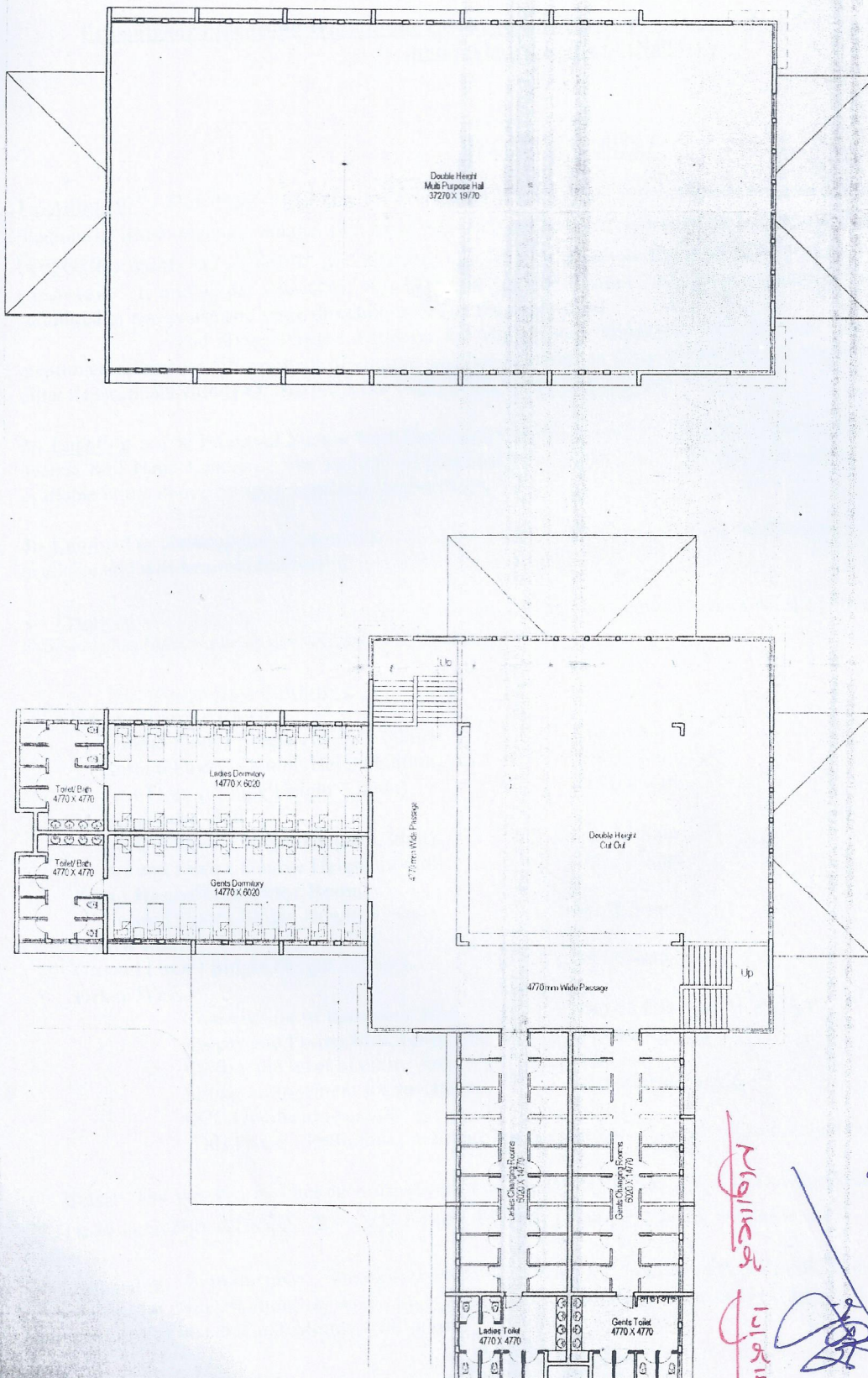
Sports Stadium at Lalkuan
(Haldwani - Bareilly Road, Dist. Haridwar, Uttarakhand)
Uttaranchal Peyyal Sansadharan Evam Nirmal Nigam
48 - Balar Road, Dehra Dun
LAYOUT PLAN
H.K. Consultants Architects & Engineers
Plot No. 5, Sector 8, Dwarka, New Delhi - 110028



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2. ALL DIMENSIONS ARE IN MM.
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Remarks	
#1	
#2	
#3	
#4	
#5	
#6	

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Distt. Youth Welfare &



Double Height
Multi Purpose Hall
37270 x 19770

Ladies Dormitory
14770 x 6020

Gents Dormitory
14770 x 6020

Double Height
Club Hall

4770mm Wide Passage

Ladies Changing Rooms
5020 x 14770

Gents Changing Rooms
5020 x 14770

Ladies Toilet
4770 x 4770

Gents Toilet
4770 x 4770

Signature

Distt. Youth Welfare &
P.V.D. Officer, Nainital.

Remarks: #1 #2 #3 #4 #5 #6	Notes:	DESIGNED BY:	PROJECT:	
	1. THIS DRAWING IS THE COPYRIGHT OF M/S. H.K. CONSULTANTS ARCHITECTS & ENGINEERS, AND SHALL NOT BE REPRODUCED OR MODIFIED WITHOUT CONSENT.	APPROVED BY:	PROJECTING ARCHT.	SPORTS STADIUM AT LALKUAN (Haldwani - Bareilly Road) Distt. Nainital, Uttarakhand
	2. ALL DIMENSIONS ARE IN MM.	DATE:	23.10.06	UTTARANCHAL PEYJAL SANSADHAN EVAM NIRMAN NIGAM 48 - Balbir Road, Dehradun
	3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL/ENGINEERING DRAWINGS AND ANY DISCREPANCY NOTICED SHOULD IMMEDIATELY BE REFERRED FOR CLARIFICATION.	SCALE:	1:250 @ A3	URL: Main Building & Multipurpose Hall : First Floor Plan
	Date:	DATE:	DATE:	
		UAPNN/SSL/P2	HK Consultants Architects & Engineers Plot No. 5, Sector 9, Dwarka, New Delhi - 110 075 Ph. 011 - 22366739, 33000000 Fax. 011 - 22366734	

(48.C)

**OFFICE OF THE EXECUTIVE ENGINEER, CONSTRUCTION UNIT, UTTARAKHAND PEY JAL NIGAM,
HALDWANI**

**Estimate for Processing Work of the Construction of Proposed Mohan Nath Goswami Mini Stadium at
Bindhukhatta, Lalkuan (Nainital)**

Block – Haldwani
Tehsil – Haldwani

PROJECT REPORT

1- **Authority** :- This Phase-I Estimate for Processing Work of the Construction of Proposed Mohan Nath Goswami Mini Stadium at Bindhukhatta, Lalkuan (Nainital) has been prepared in reference of Letter no. 73 / मा०मु०मं०घो०-खे०मै० बिन्दुखर्ता / 2016-17 / दिनांक: 07.05.2016 of Zila Yuwa Kalyan Evam Prantiy Rakshak dal Adhikari, Nainital (Annexure - I) and as per vide G.O. No. 571/xxvii (1)/ 2010 dated 19.10.2010 circulated that the estimate of project submitted in two phase and same direction given by the department

The above Phase-I Estimate for Mohan Nath Goswami Mini Stadium has been framed in the above mentioned references Government of Uttarakhand has authorize to Uttarakhand Pey Jal Nigam to execute deposit works of other departments vide G.O. No. 08/ xxxi/ N (2) 2009, Dated 11.02.2010.

2- **Location** :- The Proposed Mohan Nath Goswami Mini Stadium at Bindhukhatta, Lalkuan (Nainital) is about 5km. from nearest Rail Head Lalkuan. The altitude of proposed site is less then 1000 mts. from mean sea level. Sufficient land is available in the above campus. required for this project.

3- **Land** :- For construction of proposed Mohan Nath Goswami Mini Stadium at Bindhukhatta, Lalkuan (Nainital) land is available and will be provided free of cost by the client department.

4- **Proposal** :- Followings Proposals for Construction of Mohan Nath Goswami Mini Stadium at Bindhukhatta, Lalkuan (Nainital) has been made as per request of Client Department:

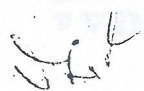
Non Residential Building :-

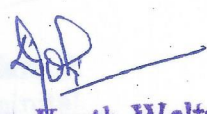
- | | |
|--------------------------------------|---------------------|
| 1. Administrative Block | |
| Ground Floor (Single Height 3.20mt) | 850.36 Sqm. ✓ |
| Ground Floor (Double Height 6.60mt) | 398.25 Sqm. ✓ |
| First Floor (Single Height 3.20mt) | 715.06 Sqm. |
| 2. Multipurpose Hall | |
| Ground Floor (Single Height 3.20mt) | 125.03 Sqm. ✓ |
| Ground Floor (Double Height 8.00mt) | 763.28 Sqm. ✓ |
| 3. Pump House/ Generator Room | |
| Ground Floor (Single Height 3.20mt) | 66.58 Sqm. ✓ |
| 4. Guard Room | |
| Ground Floor (Single Height 3.20mt) | 19.00 Sqm. ✓ |
| 5. Other Works | |
| 1. Construction of Boundary Wall | 760.00 Rm. ✓ x 0.30 |
| 2. Supply and Fixing M.S. Entry gate | 945.00 Kg. x |
| 3. Raising the level of entire Area | 4.99 Ha |
| 4. Sitting arrangement for spectator | 200.00 Rm. ✓ 2.4 |
| 5. RCC Overhead reservoir | 50 KL |

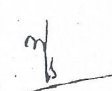
This Phase-I Preliminary estimate has been proposed for above mentioned buildings.

6- **Rates**:- The plinth area rates have been taken as per DSR 2012 & C.E.P.W.D Uttarakhand Dehradun vide letter No 22 (Cost Index/मु० अभि०(उ. अ. -VI) / 1443 दिनांक 27-08-2015 Index At Haldwani.

7- **Conclusion**:- With the above remarks the Phase-I Estimate for Processing Work of the Construction of Proposed Mohan Nath Goswami Mini Stadium at Bindhukhatta, Lalkuan (Nainital) amounting Rs. 440.27 lacs is hereby submitted for administrative, Financial and allotment of funds.


Assistant Engineer


Distt. Youth Welfare &
P.V.D. Officer, Nainital


Project Manager

(48.D)

**OFFICE OF THE PROJECT MANAGER, CONSTRUCTION UNIT, UTTARAKHAND PEY JAL NIGAM,
HALDWANI**

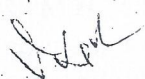
**Estimate for Processing Work of the Construction of Proposed Mohan Nath Goswami Mini
Stadium at Bindhukhatta, Lalkuan (Nainital)**

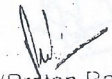
DISTRICT NAINITAL

FORM 'J' (Processing work)

Sl. No.	Particulars	Basic Cost	@	Amount in
1	2			3
1	Basic cost for calculation of initial processing expenditure			131674837.0
2	Concept planing and sketch, Estimated cost, drawing and specification etc, Detailed estimate, drawing and specification, Detailed working drawing and Design			
	GROUND FLOOR	72015962.35	2.00%	2880638
	FIRST FLOOR	21125017.58	2.00%	845000
3	Soil testing and utility shifting			
	GROUND FLOOR	72015962.35	2.00%	2880638
	Total	93140979.93		
	sub total (A)			6606277
4	Casual expenditure on item 2, (ie contingencies)	6606277.69	3.00%	198188
	Sub Total (B)			198188
	Sub Total (A+B)			6804466
5	Add departmental centage for preparation of project and execution of works @ 10.0% of sub total	6804466.00	10.00%	680446
6	NPB for Forest Land Transper	4.99 Ha x 845000.00/Ha		4216550
7	Compensation for afforestation (Take Double area of forest land)	9.98 Ha x 233000.00/Ha		2325340
	Total Cost Rs.			14026807
	Say In Lacs			140.27


(V.K. Bhatt)
A.A.E.

Prepared By

(A.K. Joshi)
A.E.

Checked By

(Pratap Ram)
Computer

Forwarded / Submitted By

(Mridula Singh)
Project Manager

Construction Unit, Uttarakhand Pey Jal Nigam, Haldwani (Nainital)


**Dist. Youth Welfare &
V.D. Officer, Nainital**

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S.No.	Item	Qty./Plinth Area	Rate	Unit	Amount
6	External Electrification works including connection charges of U.P.C.L.	1.00	1000000.00	Job	1000000.00
7	External Sewerage & External water supply works and Connection charge of jalsansthan	1.00	1000000.00	Job	1000000.00
			Sub Total of (C)		14757806.
	Total (A+B+C)				115100382
D	Work Charge contingency @ 4% of total cost of work.	115100382.17	4%	Rs.	4604015.7
	Total cost of work				119704397
E	Cost Index				
	Nainital (110-100)= 10%	119704397.46	10%	Rs.	11970439
	Total cost				131674837
	Say				131674837

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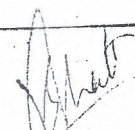
**Distt. Youth Welfare &
P.V.D. Officer, Nainital**

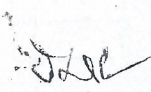
OFFICE OF THE PROJECT MANAGER, CONSTRUCTION UNIT, UTTARAKHAND
PEY JAL NIGAM, HALDWANI

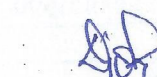
Estimate for Prossing Work of the Construction of Proposed Mohan Nath
Goswami Mini Stedum at Bindhukhatta, Lalkuan (Ntl)

Details of Plinth Area

Si.No.	Particular	No. of Unit	Plinth Area	Total Plinth Area	Unit
1	2	3	4	5	6
	Non Residential Buildings				
1	<u>Administrative Block</u>				
	Ground Floor (Single Hight 3.20mt)	1	850.36	850.36	Sqm.
			Total	850.36	Sqm.
	Ground Floor (Double Hight 6.60mt)	1	298.25	298.25	Sqm.
	Porch	0.5	200.00	100.00	Sqm.
			Total	398.25	Sqm.
	First Floor (Single Hight 3.20mt)	1	715.06	715.06	Sqm.
			Total	715.06	Sqm.
2	<u>Multipurpose Hall</u>				
	Ground Floor (Single Hight 3.20mt)	1	125.03	125.03	Sqm.
			Total	125.03	Sqm.
	Ground Floor (Double Hight 8.00mt)	1	763.28	763.28	Sqm.
			Total	763.28	Sqm.
3	<u>Pump House/ Generator Room</u>				
	Ground Floor (Single Hight 3.20mt)	1	66.58	66.58	Sqm.
			Total	66.58	Sqm.
4	<u>Guard Room</u>				
	Ground Floor (Single Hight 3.20mt)	1	19.00	19.00	Sqm.
			Total	19.00	Sqm.


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Dist. Youth Welfare &
P.W.D. Officer, Nainital

Estimate for Prossing Work of the Construction of Proposed Mohan Nath
Goswami Mini Stedium at Bindhukhatta, Lalkuan (Ntl)

ANALYSIS OF PLINTH AREA RATES As Per CPWD Plinth Area Rates. (01.10.2012)

S.No.	Details	Amount
A	Non Residential Buildings	
1	Multipurpose Hall, Pump House, Guard Room	
A	Ground Floor (for single Hight 3.35mt)	
	RCC Framed structure upto six storeys :	
(i)	Basic Rates	23500.00
(ii)	Every 0.3 mt higher over normal plinth height of 0.6 mt (Ground Floor area only)	270.00
(iii)	Provision for Anti termite treatment.	180.00
(iv)	Extra For resisting Earth quake force in zone III & IV	520.00
(v)	Add for Rainwater harvesting @ 1% of 23500.00	235.00
(vi)	Provision for Internal water supply & sanitation @ 10% of Rs. 23500.00	2350.00
(vii)	Provision for Internal electrification @ 12.5% of Rs. 23500.00	2937.50
(viii)	Provision for Power wiring	940.00
	Total	30932.50
	Say	30933.00
B	Ground Floor (for Hight 6.60mt)	
	RCC Framed structure upto six storeys :	
(i)	Basic Rates	23500.00
(ii)	Add for extra height of ceiling [(6.60-3.35)/0.30]x270	2925.00
(iii)	Every 0.3 mt higher over normal plinth height of 0.6 mt (Ground Floor area only)	270.00
(iv)	Provision for Anti termite treatment.	180.00
(v)	Extra For resisting Earth quake force in zone III & IV	520.00
(vi)	Add for Rainwater harvesting @ 1% of 23500.00	235.00
(vii)	Provision for Internal water supply & sanitation @ 10% of Rs. 23500.00	2350.00
(viii)	Provision for Internal electrification @ 12.5% of Rs. 23500.00	2937.50
	Total	32917.50
	Say	32918.00
C	Ground Floor (for Double Hight 8.00mt)	
	RCC Framed structure upto six storeys :	
(i)	Basic Rates	23500.00
(ii)	Add for extra height of ceiling [(8.0-3.35)/0.30]x270	4185.00
(iii)	Every 0.3 mt higher over normal plinth height of 0.6 mt (Ground Floor area only)	270.00
(iv)	Provision for Anti termite treatment.	180.00
(v)	Extra For resisting Earth quake force in zone III & IV	520.00
(vi)	Add for Rainwater harvesting @ 1% of 23500.00	235.00
(vii)	Provision for Internal water supply & sanitation @ 10% of Rs. 23500.00	2350.00
(viii)	Provision for Internal electrification @ 12.5% of Rs. 23500.00	2937.50
	Total	34177.50
	Say	34178.00
D	First Floor & Second Floor	
	RCC Framed structure upto six storeys :	
(i)	Basic Rates	23500.00
(ii)	Extra For resisting Earth quake force in zone III & IV	520.00
(iii)	Add for Rainwater harvesting @ 1% of 23500.00	235.00
(iv)	Provision for Internal water supply & sanitation @ 10% of Rs. 23500.00	2350.00
(v)	Provision for Internal electrification @ 12.5% of Rs. 23500.00	2937.50
	Total	29542.50
	Say	29543.00

[Signature]
Distt. Youth Welfare Officer, Nainital

**OFFICE OF THE PROJECT MANAGER, CONSTRUCTION UNIT, UTTARAKHAND PEY JAL NIGAM,
HALDWANI**

Estimate for Crossing Work of the Construction of Proposed Mohan Nath Goswami Mini Stadium at Bindhukhatta, Lalkuan (Ntl)

S. No.	Particulars Items	No.	L	B	D/H	Quantity	Unit
1	3	4	5	6	7	8	9
1	Length of Boundary Wall	25	30.00			750.00	
		1	10.00			10.00	
					Total	760.00	Mt
2	Supply and Fixing M.S. Entry gate (DSR 10.25.2) 5.00X2.10)mt	2	5.00		2.10	21.00	Sqm
			@	45kg/Sqm.		945.00	Kg
3	Raising the level of entire Area (DSR 2.37) 4.99Ha= 49900.00Sqm		4.99 Ha X	0.30 Mt		14970.00	
					Total	14970.00	Cum
4	Sitting arrangement for spectator	2	100.00			200.00	
					Total	200.00	Mt
5	(SOR 22.01) Supply of all materials, labour, T&P etc and construction of R.C.C. O.H.T. of following capacities (in kiloliters) and 12 m. staging with 1.00 m wide R.C.C. stair case from G.L. to balcony and from balocony to top dome 1M X 1 M R.C.C. landing at suitable locations and railed with 3 rows of 20 mm dia G.I. (M) pipe on 65x65x5 mm angle iron posts fixed with ladder, from top to the floor inside of the tank, M.S. M.H. cover with locking arrangement, lightning conductor as per electricity rules, water level indicator, supply and fixing of outlet, inlet, over flow and wash out pipes with necessary sluice valves, pipe pieces (including cost of materials) flooring 0.60 M wide apron, painting on tank body vertical pipes, ladder, M.S. M.H. cover, ventilator column etc. complete with approved water proofing (apex)/enamel paint, testing, filling water for testing purpose etc. including supply of vertical pipes and specials, assuming bearing capacity as 8MT/M2 Staging 12.00 metre (RCC Overhed reservoir 50 KL)	1	50000.00			50000	
					Total	50000	Ltr

A.A.E.

**Distt. Youth Welfare &
I.Y.D. Officer, Nainital**

A.E.

OFFICE OF THE PROJECT MANAGER, CONSTRUCTION UNIT, UTTARAKHAND PEY JAL
NIGAM, HALDWANI

Estimate for Prossing Work of the Construction of Proposed Mohan Nath Goswami Mini Stedium at
Bindhukhatta, Lalkuan (Ntl)

Unit Estimate for Boundary Wall (2.10 m. Height) ,
Details for 5.00 m. length.

Sl. No.	DSR	Particulars	Qunatity	Unit	Rate	Amount
1	2	3	4	5	6	7
1	2.32	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.	20.00	Sqm	3.28	65.60
2	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 of surplus excavated soil as dertected, within a lead of 50 m All kinds of soil	2.67	Cum	157.50	420.53
3	4.1.8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:4:8 (1 Cement : 4 coarse sand : 8, graded stone aggregate 40 mm nominal size).	0.32	Cum	4301.15	1376.37
4	5.1.2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	0.86	Cum	6230.20	5357.97
5	5.2.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. upto floor five level excluding cost of centring, shuttering, finishing and reinforcement 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	0.27	Cum	7074.30	1910.06
6	5.9	Centring and shuttering including strutting, ropping etc and removal of form for.				0.00
7	5.9.1	Foundations, footing, bases of columns etc for mass concrete	1.20	Sqm	196.45	235.74
8	5.9.6	Columns, pillars, piers, abutments, posts and struts	3.66	Sqm.	453.35	1668.33
9	5.9.5	Lintels, beams, plinth beams, girders, bressmers and cantilevers	3.30	Sqm.	332.15	1096.10
10	5.22.6	Reinforcement for R C C work including straightening, cutting, bending placing in position and binding all complete Using Thermo-Mechanically Treated Bars	1.43	qtl	6810.00	9738.30
11	6.1.2	Brick work with F.P.S bricks of class designation 75 in foundation and plinth in Cement mortar 1:6 (1 cement : 6 coarse sand)	0.35	Cum	4677.25	1637.04

9	6 4 2	Brick work with F.P.S bricks of class designation 75 in superstructure above plinth level upto floor V level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand)	1.46	Cum	5426.15	7922.18
10	13 4.2	12mm cement plaster of mix 1:6 ((1 Cement : 6 Coarse sand)	10.80	Sqm	158.40	1710.72
11	13.5.2	15mm cement plaster of mix 1:6 ((1 Cement : 6 Coarse sand)	9.65	Sqm	183.45	1770.29
12	16.18	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire 9.38 kg per 100 m (minimum) between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete (Cost of posts, struts, earth work and concrete work to be paid for separately) :- Payment to be made per metre cost of total length of barbed wire used. With G.I. barbed wire	45.00	Rm	12.95	582.75
13	10 25.2	Steel work welded in built up section/framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works S/F of angle iron post(40x40x6)mm	17.33	Kg	90.10	1561.43
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 or manufacture (Painting on iron post)	0.99	Sqm	90.00	89.10
15	13 26.	Providing and applying plaster of paris putty of 2 mm thickn plastered surface to prepare the surface even and smooth complet	20.45	Sqm	110.95	2268.93
16	13 46.1	Finishing walls with Acrylic Smooth exterior paint of required shade New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including base coat of water proofing cement paint applied @ 2.20 kg/ 10 sqm).	20.45	Sqm	90.00	1840.50
					Total	41251.94
		Cost for 1.00 m. lenth -	41251.94 / 5			8250.39
					Say	8250.00

A.A.E.

Distt Youth Welfare &
P.V.D. Officer, Nainital

A.E.