



TENDER DOCUMENT

FOR

CONSTRUCTION OF PARKS UNDER AMRUT SCHEME

(ATAL MISSION FOR REJUVENATION AND URBAN TRANSFORMATION)



*Atal Mission for Rejuvenation  
and Urban Transformation*

Name of Project:- Construction of Chatt park at Bhramपुरi

Total Cost of Project :- 51.67 lakh

November 2019

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MUNICIPAL CORPORATION, DEHRADUN

Near Doon Hospital, New road, Dehradun

District –Dehradun, Utrakhand-248001

PARTICULARS OF THE TENDERS

1.	Particular of the Work	Construction of Chatt park at Bhrampuri
2.	Cost of Project	51.67 lakh
3.	Period of construction	6 month
4.	Cost of Tender Form	Rs 5900 (Included Gst)
5.	Earnest Money	1.10 lakh
6.	Date & time for getting tender document from website	07.11.2019 from 11.00 AM
7.	Date & time of Submission of tender	28.11.2019 till 4.00 PM
8.	Date of Opening of Technical Bid	To be Informed later
9.	Date of Opening of Financial Bid	To be Informed later
10.	Place of Opening of Tender	Executive Engineer, Nagar Nigam, Dehradun
11.	Period of Validity of Tender	3 months
12.	Name and Address of the firm to whom tender document is issued	..... .....

  
 Executive Engineer  
 Nagar Nigam, Dehra Dun.

# PRE QUALIFICATION, TECHNICAL BID AND FINANCIAL BID REQUIREMENTS

## **Construction of Chatt Park at Bhramपुरi under AMRUT**

The tenderer/bidder should give a detailed technical proposal and financial proposal for the above detailed work complete in all respect. The financial/commercial bid shall be opened only after approval of technical bid from the Nagar Nigam Dehradun.

All the bids shall be examined and evaluated first technically and as per the past experience of similar nature work, financial capability and others relevant factors related to similar type of project i.e. beautification work, construction of park, horticulture projects, landscaping projects, recreational/group housing projects etc. Details to be provided with the technical bid:-

Tenders/RFP are invited from the reputed, capable, efficient and experience firms/ organization/ PSU's/ contractors registered in Central/State Govt departments/ undertakings to construct the above work in a limited time of 6 months with 3 months of maintenance after completion .

### **Pre requisite/ Pre qualification for the tender**

1. Earnest Money of Rs. 1.10 lakh in the form of NSC/ FDR/ Bank Guarantee for 12 months extendable as and when required in the name of S.F.O Nagar Nigam, Dehradun.
2. If form is down loaded from the web site, cost of tender form of Rs. 5900.00 in the form of bank draft in the name of S.F.O, Nagar Nigam, Dehradun should be deposited with the tender form/bid.
3. Income tax registration with PAN card copy.
4. Sales/trade tax registration number
5. Labour department registration or any other statutory registration required.
6. Affidavit with the detail that the firm/ bidder have not been black listed from any government, semi government, organization due to default.
7. After the satisfaction of above conditions, further technical bid shall be considered.

## TECHNICAL BID

Tenders are invited from the reputed, experience, well equipped construction Firm/Company/Individuals/Partnership firms/legal identity, registered in any Central Government/State Government/PSUs of State/Centre for the **Construction of Chatt park at bhrampuri under AMRUT with 3 months maintenance**

The tenderer/bidder should give a detailed technical proposal to carry out the above job as per the technical bid. The financial/commercial bid shall be opened after the approval of technical bid from the Nagar Nigam, Dehradun.

All the bids shall be examined and evaluated first technically, as per the past construction experience and others relevant factors related to beautification/ construction of parks. Details to be provided with the technical bid :-

### TECHNICAL BID REQUIREMENTS

- 1- Completion of the construction of similar types of construction projects, already completed by tenderer or ongoing projects ;
  - 1.1 List of the departments and similar types of projects already completed or in progress.
  - 1.2 At least completion of similar construction projects of similar nature of Rs. 50 lacs. or more during last financial year or completion of projects of cost Rs 1.00 Cr.(equal to project cost) during last years
  - 1.3 Performance Certificate copies and order copies issued by Competent Authority.
  - 1.4 Preference will be given to the firms those who are having Experience in work in uttarakhand .
  - 1.5 Copy of letters showing letters of satisfactions and any other relevant information.
- 2- Detail of the staff (skilled or unskilled) with their technical qualifications and construction machineries;
  - 2.1 Detail of staff and their qualifications to be deputed for the project, at least one **Junior engineer**,
  - 2.2 **Detail of machinery in possession/owner/lease i.e, mixture machine, different types of , testing equipment etc**
  - 2.3 **No. of permanent staff for construction i.e supervisor, mistry/meson, gardner, labour/beldar, bar binder etc.**
  - 2.4 Copy of registration with the Trade Tax, Income Tax, Service Tax and the labour department.
  - 2.5 Copy of Registration Certificate with the class A/B/C category of registration in PWD/CPWD/MES/Central and/ for State Government Undertaking/ULB's

## **MODE OF SUBMISSION OF TENDER**

Tender can only submitted by e- tendering process on <http://www.uktenders.gov.in> before stipulated date and time. After the stipulated date and time 28/11/2019 Upto 4:00 pm after that tender will not be considered. Delay due will be liability of the bidder / tenderer . for further details visit our official website [www.nagarnigamdehradun.com](http://www.nagarnigamdehradun.com) Only the rates or “ Financial Bid “ of the bidder shall opened or considered those who will qualify in the “Technical Bid ”

- Bidder/ tenderer who are participate in above tender should also submit hard copy in sealed ***Envelop-A*** for ***EMD & Tender fee***, one for ***“Technical Bid”and Pre requisite in Envelop-B*** and and all the two envelopes A and B are to be kept in a bigger envelope- C, which is to be sealed at the time of submission. Open envelopes are liable to be canceled. Envelops must be addressed to Executive Engineer, Nagar Nigam, Dehradun. before the stipulated date and time by Registered Post or Speed Post or Courier Services or by hand to the Tender box/ Public Works Department, Nagar Nigam, Dehradun before the stipulated date and time. After the stipulated date and time ( 28 Nov .2019) up to 4 PM after that tender will not be considered. Delay due to postal services will be the liability of the bidder/ tenderer.

## TIME FRAME FOR

### **Construction of Chatt Park at Bhrampuri under AMRUT**

1. After getting the intimation from Nagar Nigam to the lowest bidder, required stamp paper and 5 % performance guarantee of the tender cost in the form of NSC/FDR in the name of SFO nagar nigam dehradun r and other formalities for signing contract are to be completed in all respect within seven days.
2. The total time given for the contract work which includes all the activities related to tendered work should be completed. In ordinary condition it is not extendable, but due to some unforeseen reasons and natural calamity the extension may be granted after receiving a request letter. The above period includes the rainy and all seasons.
3. After completion of work, the officers/ engineers of the Nagar Nigam/ or the prescribed committee will check all the constructed installed and fixed items executed by you and after that completion certificate may be issued.
4. For time over run, per day penalty may be imposed, which may be Rs. 500.00 per day after expiry of stipulated time for execution of work. Time over run may be exempted for the genuine reason, which are to be forwarded by engineers/ or prescribed authorized committee and that may/ may not be considered/ accepted by Nagar Ayukt, Nagar Nigam, Dehradun.

### **PAYMENT SCHEDULE**

1. After receiving the required material for the tendered work, 80% payment may be released of the total material cost, after inspection recommendation of the technical report of the engineers/ committee prescribed for that work or as per The Procurement Policy 2017 provisions).
2. After proper completion of particular work a detailed bill shall be submitted by the bidder, accordingly payment shall be released after adjusting the amount paid in above para 1.
3. Details given in Schedule B are as per the requirement, but the payment shall be made as per the actual work done/ executed.
4. 90% payment shall be released after completion of work and 10% shall be released after one years of completion of guarantee period, after deducting the penalty due to delay in execution of work, fault in work if any, duly intimated time to time by both the parties.
5. If bank guaranty/ FDR/ CDR/ NSC pledged in the name of SFO, Nagar Nigam , Dehradun of 10% of the amount, as described in above para 4, is submitted in the office, the above 10% may be released after getting the proper report from the engineers/ EnC/ committee meant for this purpose.
6. Total number of running bill should not be more than three in number i.e. one bill amount shall not be less than the 35% of the tendered amount.

## **TIME FRAME FOR THE MAINTENANCE FOR FIRST YEARS**

1. There must be 3 months comprehensive maintenance warranty from the date of completion of work/ handing over to Nagar Nigam, Dehradun.
- 2- For the first year during the warranty period, after written report from Nagar Nigam about manufacturing defect to your authorized person, for every day delay in correcting it will cost Rs. 200.00 per day. Under the definition of warranty the manufacturing defect/faults liability shall be there with all the items in the executed work. Including all parts of construction.
- 3- During the first year all machines, materials and labours are to be arranged by the tenderer.
- 4- Due to some accident if there is some damage to the structure made, the repair work shall be executed by the tender immediately. Payment shall be made as per the rate decided by the Uttarakhand Procurement Policy 2017.

## **OTHER CONDITIONS**

- 1- Nagar Nigam, Dehradun has a right to reduce or increase the requirement of the above work, numbers of items and even can cancel the tender at any time without assigning and reason.
- 2- Nagar Nigam, Dehradun has a right to change, substitute, and delete any item, their specification, and quantity in the interest of the development works.
- 3- The proposed construction shall be as per the detailed given by Nagar Nigam, Dehradun and if any details are further required then Uttaranchal PWD/ CPWD/ relevant codes/ DSR will be referred.
- 4- Regular test or required tests are to be performed, from PWD Labs, Dehradun/ Regional I I T Roorkee/ any Govt Approved Lab.
- 5- Before execution of work the tenderer should examine the approach road and location of the site and the difficulties which are to be encountered during the construction. For material supply if any no entry permission is to to be sought from district administration, Nagar Nigam administration shall write a letter for the same.
- 6- During the execution the bidder shall be responsible for safety and insurance of their staff, contracted workers, daily wages if engaged. Any labour law, insurance, safety related laws, all applicable law of land are to be followed by the bidder. For any violation the bidder shall be held responsible in all respect.
- 7- The decision of Nagar Ayukt, Nagar Nigam, Dehradun shall be final and binding on all. For any type of dispute the arbitrator shall be Mayor, Nagar Nigam, Dehradun.
- 8- An affidavit should be submitted with the tender, related to authorized signatory/ lead member, for single window interface between Nagar Nigam and bidder.

From : .....  
.....  
.....  
.....

To,  
Executive Engineer,  
Nagar Nigam, Dehradun

**SUB:- Construction of Chatt Park at Bhramपुरi under AMRUT**

Sir,

We hereby submit our offer for the above mentioned tender, we have examined the nature, details and specifications of all and have carefully noted and instructions and conditions mentioned in the tender document.

I hereby say with the oath that I shall follow all the terms and conditions in the above tender document, provisions of Uttarakhand Procurement Rules 2017.

Place:-

Date:-

( Signature of the tenderer)

Name:- .....

Address:- .....

.....

.....

City:-.....

Cell No:-.....

e-mail:- .....



## **INSTRUCTIONS TO THE TENDERER AND TERMS AND CONDITIONS**

### **(A)- EARNEST MONEY AND VALIDITY OF TENDER**

1. Each tender shall be accompanied by the requisite Earnest money (Rs 1.10 Lakh) in the form of FDR or NSC/BG in favour of SFO., Nagar Nigam, Dehradun.
2. Without requisite earnest money tender is liable to be disqualified.
3. Earnest money shall be retained up to expiry of the contract period.

### **(B)- CASTING AND OPENING OF TENDER**

1. The tender should be neatly written, preferably typed. Every page of the tender document should be signed with seal. The rate must be quoted in words also.
2. Nagar Nigam, Dehradun reserves the right to reject any or all the tenders or accept any tender, after analyzing pre qualification, technical bid and financial bid, in total or in parts of work may be decided among various tenderer, without assigning any reason. Nagar Nigam has a right to change the date of opening of technical and/or financial bid at any time.
3. All information must be in English and figures must be in MKS system.  
The tender must give  
The Name,  
Detailed address of office with pin code Phone numbers and Mobile Numbers-  
E- mail, Web-site
4. The representative should bring the authorization letter from the tenderer having representative's attested signature (This details is compulsory to ensure the maintenance within the stipulated time)
5. The details of the Lead member/ head of the institution responsible for execution.
6. Any approach pressure by any firm shall render the tender liable to be rejected.
7. Any tender if deviates from terms and conditions and technical specifications specified in the tender document shall be liable to be rejected.
8. On acceptance of the tender, the tenderer will be required to execute an agreement which will be treated as contract for the tendered work on non judicial stamp paper of required value, as per GO's provisions.
9. For above a non judicial stamp paper of Rs. 100.00 should be attached with the tender document.
10. If tenderer fails to sign the agreement within the stipulated specified period of 3 days from date of confirmation of the lowest bidder, its Earnest Money shall be forfeited by the Nagar Nigam, Dehradun.
11. The tendering firm/ company should be registered under the relevant statutes by the relevant competent authority. The firm must attach attested copies of the Registration Certificate and partnership deed/ Memorandum of Association as the case may be.
12. The tender price will be inclusive of all taxes and duties, i.e. central, state and local taxes and should be quoted in schedule B format.

13. Specifications are given in Schedule B.
14. Conditional tender will not be accepted and shall be summarily rejected.

## **FINANCIAL STATUS**

1. Solvency Certificate/ bank guarantee duly signed and stamped by the scheduled bank/ registered bank authorized by GoI/RBI.
2. Liquid fund availability along with certificate signed by C.A. Balance sheet for last one year.

## **CREDEBILITY**

The bidder must give an affidavit that he has not been or is not black listed from any Government or Semi Government Department. If at any stage it is found that the credentials given by the bidder are not correct or manipulative or false, it may lead to disqualification and black listing.

The Nagar Ayukt, Nagar Nigam, Dehradun/ Executive Engineer, NND may ask to the tenderer/ tenderers to show the samples of items proposed to be used for the execution of the work.

## **SCHEDULE – “B”**

### **Construction of Chatt Park at Bhrampuri under AMRUT**

I/We hereby agree to execute all the tendered work as per Bid submitted by us online and as per BOQ uploaded on <http://www.uktenders.gov.in> for above work

Signature of the bidder/Authorized Signatory

.....

Name .....

Address.....

Mob. No. ....

**1. ABSTRACT**

- **Name of Project**  
Rejuvenation of Chhath Park at Brahmprui Dehradun as Urban Green Space
- **Name of Nodal Agency**  
Urban Development Directorate (UDD), Govt. of Uttarakhand, Dehradun
- **Name of Implementing Agency**  
Dehradun Nagar Nigam (DNN – Urban Local Body), Dehradun
- **Summary of Project Cost**

**ABSTRACT OF COST**

Sl. No.	Description of item		Amount (Rs in Lakhs)	NS
1	Cost of Civil Works of Park including Temple	as per detailed estimate	39.73 <del>41.85</del>	2.1
2	Cost of Electrical Work of Park	as per detailed estimate	0.97 <del>5.48</del>	4.0
3	Cost of Civil Works of Guard Room	as per detailed estimate	1.26 <del>1.26</del>	-
4	Cost of Electrical Works of Guard Room	as per detailed estimate	0.05 <del>0.19</del>	0.0
3	Cost of Water Supply and Drainage Work including Bore Well and Water Disposal.	LS	<del>0.50</del> 0.50	0.0
	SUB TOTAL .....(A)		42.01 <del>49.15</del>	7.1
4	Add 12% GST ON (A) Provision for difference of GST and vat	(B)	2.52 5.90	-
	<b>GRAND TOTAL (A+B)</b>		<b>44.53 55.05</b>	7.1

**Note:** Cost index is taken in estimate is applicable for Dehradun which is stated 132 vide Reference letter No. "22(1)cost index / मु.सं.सं.सं -IV/1013 dt: 08-June-2017" on DPAR 2012 having base 100 on 1/10/2012. Since all items and rates is taken from DSR 2016 which is having cost index 102 with reference to Delhi Plinth Area Rates -2012, having base 100 as on 1/10/2012. Hence applicable cost index on DSR 2016 rates for Dehradun =  $132 \times 100 / 102 = 129.41$

Materials for which rates have not been found in DSR have been picked up from Market and quotations of that material were attached in DPR.

कुल मूल्य ₹ 44.53 लाख  
 जीएसटी ₹ 7.14 लाख  
 ₹ 51.67 लाख



REJUVENATION OF CHHATH PARK AS URBAN GREEN SPACE AT BRAHMPURI, DEHRADUN, UTTARAKHAND			
ABSTRACT OF COST			
Sl. No.	Description of item		Amount (Rs in Lakhs)
1	Cost of Civil Works of Park including Temple	as per detailed estimate	41.85 39.73 2.12
2	Cost of Electrical Work of Park	as per detailed estimate	5.43 0.97 6.46
3	Cost of Civil Works of Guard Room	as per detailed estimate	1.26
4	Cost of Electrical Works of Guard Room	as per detailed estimate	0.11 0.05 0.06
3	Cost of Water Supply and Drainage Work including Bore Well and Water Disposal.	LS	0.50 0.50
	SUB TOTAL .....(A)		49.15 42.01 7.14
4	Add 12% GST ON (A)	G.S.T. 6% on Scheduled items & 12% on Non Scheduled items	5.90 2.52 8.42
	GRAND TOTAL (A+B)		55.05 44.53 8.56

P. Sharma  
अवर अभियन्ता  
नगर निगम  
देहरादून

सहायक अभियन्ता  
नगर निगम  
देहरादून

अभियन्ता  
नगर निगम  
देहरादून



निर्माण कार्य - ₹ 44.53 lacs  
 आधी याची - ₹ 8.00 lacs  
 मोज - ₹ 52.53 lacs

निर्माणकार्य - ₹ 44.53 lac  
 आधी याची - ₹ 7.14 lac  
 ₹ 51.67 lac

Checked  
 [Signature]



# कार्यालय मुख्य महाप्रबन्धक, निर्माण विंग

उत्तराखण्ड पेयजल संसाधन विकास एवं निर्माण निगम,

(उत्तराखण्ड सरकार का उपक्रम)

403/1 इन्दिरा नगर, देहरादून-248 001

e-mail: : egmnirmanwing@yahoo.com, gmnirmanwing@gmail.com

पत्रांक 303 / 21 एच सी / 22

दिनांक 02/08/20

0167 सेवा में,

नगर आयुक्त,  
नगर निगम,  
देहरादून।

विषय- विभागीय टी0ए0सी0 उपरान्त जनपद देहरादून के अन्तर्गत नगर निगम द्वारा प्रस्तावित छठ पूजा पार्क ब्रह्मपुरी (वार्ड 44) के निर्माण कार्य सम्बन्धी विस्तृत प्राक्कलन की प्रशासनिक एवं वित्तीय स्वीकृति के सम्बन्ध में।

महोदय,

उपरोक्त विषयक अपर सचिव, उत्तराखण्ड शासन के पत्र संख्या 543/XXVII(I)/2015 दिनांक 06.05.2015 में दिये गये निर्देशों के क्रम में ₹ 5.00 करोड़ से कम लागत की जनपद देहरादून के अन्तर्गत नगर निगम द्वारा प्रस्तावित छठ पूजा पार्क, ब्रह्मपुरी (वार्ड 44) के निर्माण कार्य हेतु विस्तृत प्राक्कलन लागत ₹ 55.05 लाख के तकनीकी परीक्षण उपरान्त ₹ 51.67 लाख की धनराशि हेतु औचित्यपूर्ण पाया गया। अतः औचित्यपूर्ण पायी गई धनराशि की प्रशासनिक एवं वित्तीय स्वीकृति प्रदान करने की कृपा करे।

(धनराशि ₹ लाख में)

क्र० सं०	योजना का नाम	आंगणन की धनराशि	औचित्यपूर्ण पायी गयी धनराशि		
			निर्माण कार्य	उत्तराखण्ड अधिप्राप्ति नियमावली -2008	योग
1	2	03	04	05	06
1	जनपद देहरादून के अन्तर्गत नगर निगम द्वारा प्रस्तावित छठ पूजा पार्क, ब्रह्मपुरी (वार्ड 44) के निर्माण कार्य	55.05	44.53	7.14	51.67

संलग्नक- उपरोक्तानुसार।

भवदीय  
(सुभाष चन्द्र)  
महाप्रबन्धक(गड0)

REJUVENATION OF CHHATH PARK AS URBAN GREEN SPACE AT BRAHMPURI, DEHRADUN, UTTARAKHAND							
Bill of Quantity- Electrical Work - External Lighting							
Sl. No.	DSR Code no.	Description of item	Unit	Quantity	Rate	Amount	Remk.
1	15.4.2	Supplying, installation, testing & commissioning of Astronomical time switch of following configuration to be mounted in feeder pillars / Lighting DBss for automatic switching On & OFF of street lights at sun set & sun rise or twilight (Auto ON, Auto OFF, Auto Modes) with manual override facility with 12/24 hour display format with suitable battery and indication for relay status i/c programming at site complete as required. 2 output per phase and suitable for single phase supply.	nos	1.00	6655.92	6655.92	
2	5.4	Earthing with G.I. earth plate 600mm x 600mm x 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/coke and salt as required.	set	1.00	5404.42	5404.42	
3	1.14.4	Wiring for circuit / submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface / recessed medium class PVC conduit as required. 2 X 6 sq.mm + 1 X 6 sq.mm earth wire	mtr	300.00	283.52	85056.00	
4	MR	Decorative pole with 27 watt LED lights	nos	18.00	22100.00	397800.00	MR
5	MR	Feeder Pillar 2 Kilowatt	nos	1.00	48000.00	48000.00	MR
					Totar	542916.34	
					Say Rs	5.43	in Lakhs

प्रति

P. Sharma

L

S.P  
97116.36

N.S.D  
445800.00

Says ₹ 0.97 Lacs

Says ₹ 4.48 Lacs

**REJUVENATION OF CHHATH PARK AS URBAN GREEN SPACE  
AT BRAHMPURI, DEHRADUN, UTTARAKHAND**

**Analysis of rates**

Sl. No.	DSR Code no.	Description of item	Unit	Rate as per DSR 2016	Cost Index applicable for Dehradun	Amount	Remk.
1	15.4.2	Supplying, installation, testing & commissioning of Astronomical time switch of following configuration to be mounted in feeder pillars / Lighting DBss for automatic switching On & OFF of street lights at sun set & sun rise or twilight (Auto ON, Auto OFF, Auto Modes) with manual override facility with 12/24 hour display format with suitable battery and indication for relay status i/c programming at site complete as required. 2 output per phase and suitable for single phase supply	nos	5329.00	1.249	6655.92	
2	5.4	Earthing with G.I. earth plate 600mm x 600mm x 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/coke and salt as required.	set	4327.00	1.249	5404.42	
3	1.14.4	Wiring for circuit / submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface / recessed medium class PVC conduit as required. 2 X 6 sq.mm + 1 X 6 sq.mm earth wire	mtr	227.00	1.249	283.52	
4		Decorative pole with 27 watt LED lights	nos	22100.00		22100.00	MR
5		Feeder Pillar 2 Kilowatt	nos	48000.00		48000.00	MR

Pls check

LS



**REJUVENATION OF CHHATH PARK AS URBAN GREEN SPACE AT BRAHMPURI,  
DEHRADUN, UTTARAKHAND**

**Bill of Quantity- Guard Room**

Sl. No.	DSR Code No.	Description of item	Quantity	Unit	Rate	Amount	Remk.
1	2.6.1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.	5.57	cum	162.98	907.80	
2	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)	1.43	cum	5794.73	8286.46	
3	5.2.2	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement - All work upto plinth level in the proportion of 1:1.5:3 (1 cement: 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).	1.76	cum	9246.67	16274.14	
4	5.9.5	Providing centering and shuttering including struttings, propping etc for roof level beam of super structure and removal of form work complete as required. ( height upto 3.50 mtr )	14.41	sqm	443.71	6393.86	
5	5.22.6	Thermo-Mechanically Treated bars in plain work such as reinforced concrete work wrought to required shape as necessary including cutting & bending for proper completion of the work and supply of all materials, labour, T&P etc and wastage & over lapping & hooks.	2.07	Qtl	7324.04	15160.76	
6	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	2.95	cum	6148.64	18138.49	
7	6.4.2	230 mm thick brick work with F.P.S. bricks of class designation 7.5 in superstructure above plinth level upto floor V level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand).	2.70	cum	7224.21	19505.37	
8	13.1.2	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	11.39	sqm	207.49	2363.31	



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B.O.Q.-Guard Room

Page 1

**REJUVENATION OF CHHATH PARK AS URBAN GREEN SPACE  
AT BRAHMPURI, DEHRADUN, UTTARAKHNAD**

**Bill of Quantity- Electrical Work - Guard Room**

Sl. No.	DSR Code no.	Description of item	Unit	Quantity	Rate	Amount	Remk.
1	1.1.1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.					
		Group A					
		For light Point	points	3.00	852.75	2558.25	
		For fan Point	points	1.00	852.75	852.75	
2	1.31	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection, painting etc. as required. (For light plugs to be used in non residential buildings).	each	1.00	405.02	405.02	
3	1.33	S/F ceiling rose: Supplying and fixing 3 pin, 5 amp. ceiling rose on the existing junction box/ wooden block including connection etc as required.	each	1.00	59.52	59.52	
4	2.3.1	S/F SP MCB DB: Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, power painted including earthing etc. as required. (But without mcb/RCCB/Isolator)					
		6 way, Double door	each	1.00	1218.95	1218.95	
5	MR	Supply, unloading storing at site of Betton for Led Tube Light 1X18w					
		Bajaj product code no. 112181, Luminaire type: BLRD-DB118, 1	nos	3.00	500.00	1500.00	MR
6	MR	Supply, unloading storing at site of Led tube light.					
		Bajaj product code no. 112432 Luminaire type: BLRB 18W CWC	nos	3.00	800.00	2400.00	MR
7	MR	Supply, unloading storing at site of wall fan					
		Make: Havells, Model: swing, 300mm	nos	1.00	2375.00	2375.00	MR
					Total	11369.49	
					Say Rs	0.11	Lakhs



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Elect. Guard Room

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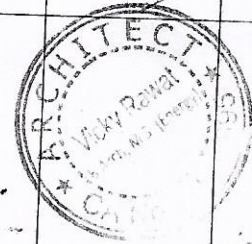
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**REJUVENATION OF CHHATH PARK AS URBAN GREEN SPACE  
AT BRAHMPURI, DEHRADUN, UTTARAKHNAD**

**Analysis of rates**

Sl. No.	DSR Code no.	Description of item	Unit	Rate as per DSR 2016	Cost Index applicable for Dehradun	Amount	Remk.
1	1.1.1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.					
		Group A	points	659.00	1.294	852.75	
2	1.31	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection, painting etc. as required. (For light plugs to be used in non residential buildings).	each	313.00	1.294	405.02	
3	1.33	S/F ceilling rose: Supplying and fixing 3 pin, 5 amp. ceilling rose on the existing junction box/ wooden block including connection etc as required.	each	46.00	1.294	59.52	
4	2.3.1	S/F SP MCB DB: Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, power painted including earthing etc. as required. (But without mcb/RCCB/Isolator)					
		6 way, Double door	each	942.00	1.294	1218.95	
5		Supply, unloading storing at site of Betton for Led Tube Light 1X18w					
	MR	Bajaj product code no. 112181, Luminaire type: BLRD-DB118, 1	nos	500.00		500.00	MR
6		Supply, unloading storing at site of Led tube light.					
	MR	Bajaj product code no. 112432 Luminaire type: BLRB 18W CWC	nos	800.00		800.00	MR
7		Supply, unloading storing at site of wall fan					
	MR	Make: Havells, Model: swing, 300mm	nos	2375.00		2375.00	MR




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Sl. No.	DSR Code No	Description of item	Quantity	Unit	Rate	Amount	Remk.
9	1322	15 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	27.52	sqm	239.65	6595.17	
10	1380	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	38.91	sqm	113.03	4398.00	
11	8222	Providing and fixing 18 mm thick granite stone for kitchen counter gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish etc. complete	1.42	sqm	4028.61	5720.63	
12	10.14.1.1	Providing and fixing pressed steel door frames conforming to IS: 4351, manufactured from commercial mild steel sheet of 1.60 mm thickness, including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25 mm, or base ties of 1.60 mm, pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges 2.5 mm thick with mortar guards, lock strikeplate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge: Profile B Fixing with adjustable lugs with split end tail to each jamb	5.10	Rmt	440.41	2246.09	
13	9.21.1	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3. ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	1.89	sqm	2018.32	3814.62	



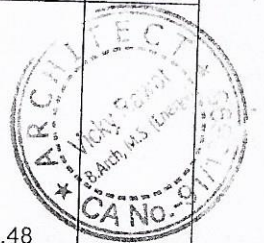
  
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B.O.Q. - Guard Room

Page 1

Sl. No.	DSR Code No.	Description of item	Quantity	Unit	Rate	Amount	Remk.
14	10.11.1	Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators, side /top /centre hung, with beading and all members such as F7D, F4B, K1 1 B and K12 B etc. complete of standard rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted, including providing and fixing of hinges, pivots, including priming coat of approved steel primer, but excluding the cost of other fittings; complete all as per approved design, (sectional weight of only steel members shall be measured for payment). Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	35.42	kg	147.00	5206.74	
15	13.42.1	Distemping with 1st quality acrylic distemper (ready mixed) of approved manufacturer , of required shade and colour complete, as per manufacturer's specification. Two or more coats on new work.	11.39	sqm	68.78	783.40	
16	13.44.1	Finishing walls with water proofing cement paint of required shade New work (Two or more coats applied @ 3.84 kg/10 sqm) on exterior surface.	27.52	sqm	76.09	2094.00	
17	11.5	62 mm thick cement concrete flooring with concrete hardener topping, under layer 50 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer 12mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate, 6mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacture's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	3.24	sqm	788.11	2553.48	



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B.O.Q.-Guard Room

Sl. No.	DSR Code No.	Description of item	Quantity	Unit	Rate	Amount	Remk.
18	22.6	<p>Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying:</p> <p>(a) after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm.</p> <p>(b) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm.</p> <p>(c) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30 cm on parapet wall and tucked into groove in parapet all around.</p>	9.99	sqm	511.13	5106.19	
		<b>Total</b>				125548.51	
		<b>Say (₹)</b>				1.26	Lakh

*P. S. Rawat*  
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**REJUVENATION OF CHHATH PARK AS URBAN GREEN SPACE AT BRAHMPURI,  
DEHRADUN, UTTARAKHAND**

**Analysis of Rates**

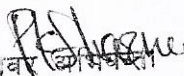
Sl No	DSR Code no.	Description of item	Unit	Rate as per DSR 2016	Cost Index applicable for Dehradun	Amount	Remk.
1	2.6.1	Earthwork in excavation for basement and column footings in soil mixed with gravel & small boulder in normal lead & lift including supply of all materials, labour, T&P etc required for proper completion of the work.	Cum	125.95	1.294	162.98	
2	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)	Cum	4478.15	1.294	5794.73	
3	5.2.2	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement - All work upto plinth level in the proportion of 1:1.5:3 (1 cement: 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).	Cum	7145.80	1.294	9246.67	
4	5.9.5	Providing centering and shuttering including struttings, propping etc for roof level beam of super structure and removal of form work complete as required. ( height upto 3.50 mtr )	Sqm	342.90	1.294	443.71	
5	5.22.6	Thermo-Mechanically Treated bars in plain work such as reinforced concrete work wrought to required shape as necessary including cutting & bending for proper completion of the work and supply of all materials, labour, T&P etc and wastage & over lapping & hooks.	Qtl	5660.00	1.294	7324.04	
6	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	4751.65	1.294	6148.64	


*P. Sharma*  
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 Rate of Analysis - Guard Room



Sl. No.	DSR Code no.	Description of item	Unit	Rate as per DSR 2016	Cost Index applicable for Dehradun	Amount*	Remk.
7	6.4.2	230 mm thick 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).	Cum	5582.85	1.294	7224.21	
8	13.1.2	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	Cum	160.35	1.294	207.49	
9	13.2.2	15 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	Cum	185.20	1.294	239.65	
10	13.80	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	87.35	1.294	113.03	
11	8.2.2.2	Providing and fixing 18 mm thick granite stone for kitchen counter gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish etc. complete	Sqm	3113.30	1.294	4028.61	


  
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Sl. No.	DSR Code no.	Description of item	Unit	Rate as per DSR 2016	Cost Index applicable for Dehradun	Amount	Remk.
12	10.14.1.1	Providing and fixing pressed steel door frames conforming to IS: 4351, manufactured from commercial mild steel sheet of 1.60 mm thickness, including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25 mm, or base ties of 1.60 mm, pressed mild steel welded or rigidly fixed together by mechanical means; including M.S. pressed butt hinges 2.5 mm thick with mortar guards, lock strikeplate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge: Profile B Fixing with adjustable lugs with split end tail to each jamb	Rmt	340.35	1.294	440.41	
13	9.21.1	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	1559.75	1.294	2018.32	

  
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Sl. No.	DSR Code no.	Description of item	Unit	Rate as per DSR 2016	Cost Index applicable for Dehradun	Amount	Remk.
14	10.11.1	Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators, side /top /centre hung, with beading and all members such as F7D, F4B, K1 1 B and K12 B etc. complete of standard rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted, including providing and fixing of hinges, pivots, including priming coat of approved steel primer, but excluding the cost of other fittings, complete all as per approved design, (sectional weight of only steel members shall be measured for payment). Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	Kg	113.60	1.294	147.00	
15	13.42.1	Distemping with 1st quality acrylic distemper (ready mixed) of approved manufacturer of required shade and colour complete, as per manufacturer's specification. Two or more coats on new work.	Sqm	53.15	1.294	68.78	
16	13.44.1	Finishing walls with water proofing cement paint of required shade New work (Two or more coats applied @ 3.84 kg/10 sqm) on exterior surface.	Sqm	58.80	1.294	76.09	
17	11.5	62 mm thick cement concrete flooring with concrete hardener topping, under layer 50 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer 12mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate, 6mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacture's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	Sqm	609.05	1.294	788.11	

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सहायक अभियंता  
Rate of Analysis - Guard Room


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Sl. No.	DSR Code no.	Description of item	Unit	Rate as per DSR 2016	Cost Index applicable for Dehradun	Amount	Remk.
18	22.6	<p>Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying:</p> <p>(a) after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm.</p> <p>(b) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm.</p> <p>(c) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30 cm on parapet wall and tucked into groove in parapet all around.</p>	Sqm	395.00	1.294	511.13	

  
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**REJUVENATION OF CHHATH PARK AS URBAN GREEN SPACE AT  
BRAHMPURI, DEHRADUN, UTTARAKHAND**

**Bill of Quantity- Civil Work - Park and Temple**

Sl No	DSR Code no.	Description of item	Unit	Quantity	Rate	Amount	Remk.
1	26.1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed. All kinds of soil	cum	594.71	162.98	96925.84	
2	4.1.3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:2:4 (1 cement : 2 coarse sand(zone III) : 4 graded stone aggregate 20 mm nominal size)	cum	14.76	7093.64	104702.13	
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 (zone-III) : 8 graded stone aggregate 40 mm nominal size)	cum	158.15	5794.73	916436.55	
4	5.1.2	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	cum	2.35	8042.66	18900.25	
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. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	cum	0.63	9246.67	5825.40	

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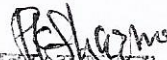


Sl. No.	DSR Code no.	Description of item	Unit	Quantity	Rate	Amount	Remk.
6	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).	cum	2.76	9563.70	26395.81	
7	5.5	Reinforced cement concrete work in arches, archribs, domes, vaults, shells, folded plate and roofs having slope more than 15° up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	cum	2.98	9953.38	29661.07	
8	5.9.1	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	sqm	6.64	250.97	1666.44	
9	5.9.5	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers	sqm	4.80	443.71	2129.81	
10	5.9.6	Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts	sqm	11.04	605.40	6683.62	
11	5.9.9	Centering and shuttering including strutting, propping etc. and removal of form for : Arches, domes, vaults up to 6 m span	sqm	19.09	1471.08	28082.92	
12	5.9.19	Centering and shuttering including strutting, propping etc. and removal of form for Weather shade, Chajjas, corbels etc., including edges	sqm	14.41	675.14	9728.77	
13	5.22.6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete Thermo-Mechanically Treated bars	qtl.	11.03	7324.04	80784.16	
14	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	37.96	6148.64	233402.37	

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B.O.Q - Park

Sl No.	DSR Code no.	Description of item	Unit	Quantity	Rate	Amount	Remk.
15	10.4.2	230 mm thick 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).	cum	8.26	7224.21	59671.97	
16	11.23.3	Marble stone flooring with 18 mm thick marble stone, as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry, including rubbing and polishing complete with : Agaria White	sqm	530.80	2834.51	1504557.91	
17	13.1.1	12 mm thick plaster 1:4 (1cement :4 fine sand) supply of all materials, labour, T&P etc required for proper completion of the work.	sqm	27.70	223.80	6199.26	
18	13.2.1	15 mm thick plaster 1:4 (1cement :4 fine sand) supply of all materials, labour, T&P etc required for proper completion of the work.	sqm	46.04	259.12	11929.88	
19	16.68	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	sqm	927.22	796.72	738734.72	
20	16.69	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	cum	7.17	6486.37	46507.27	

  
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 देहली

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 सहायक अभियन्ता  
 B.O.O. Park  
 नगर निगम  
 देहली

Sl. No.	DSR Code no.	Description of item	Unit	Quantity	Rate	Amount	Remk.
21	23.3	Supplying and stacking sludge at site including royalty and carriage up to 1 km (sludge measured in stacks will be reduced by 8% for payment).	cum	22.63	309.52	7004.44	DSR 2013
22	23.8	Spreading of sludge, dump manure and / or good earth in required thickness as per direction of Officer-in-charge (Cost of sludge, dump manure and / or good earth to be paid separately).	cum	22.63	32.54	736.38	DSR 2013
23	2.28.1	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m. All kinds of soil	sqm	226.31	18.05	4084.90	
24	23.10.1	Grassing with selection No.1 grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn, free from weeds and fit for mowing including supplying good earth, if needed (the good earth shall be paid for separately). In rows 5 cm apart in both directions	sqm	226.31	10.88	2462.25	DSR 2013
25	4.17	Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including finishing the top smooth.	sqm	16.70	582.75	9731.93	
26	13.26	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	sqm	73.74	153.60	11326.46	
27	13.41.1	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	sqm	27.70	121.25	3358.63	
28	13.47.1	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade : New work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	sqm	46.04	125.26	5766.97	
29	MR	Benches	Nos.	10.00	18000.00	180000.00	MR
30	MR	Dust Bin	Nos.	4.00	7920.00	31680.00	MR
					Total	4185078.11	
					Say Rs	41.85	Lakhs

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