



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 park at bhandari baag

Total Cost of Project :- 62.78 lakh

December 2019

MUNICIPAL CORPORATION, DEHRADUN

Near Doon Hospital, New road, Dehradun


District –Dehradun, Uttrakhand-248001

Tender Document No.. –

NIT NO.-

PARTICULARS OF THE TENDERS

1.	Particular of the Work	Construction of park at bhandari baag (ward no -43 old)
2.	Cost of Project	62.78 lakh
3.	Period of construction	6 month
4.	Cost of Tender Form	Rs 5900 (Included Gst)
5.	Earnest Money	1.25 lakh
6.	Date & time for getting tender document from web site	11.12.2019 from 11.00 AM
7.	Date & time of Submission of tender	27.12.2019 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 Park at bhandari baagh (ward no -43 old) 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. 1.25 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. Affidavit with the detail that the firm/ bidder have not been black listed from any government, semi government, organization due to default.
6. 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 Park at bhandari baagh (ward no -43 old) under AMRUT with 3 months maintenance after completion**

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 construction projects 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 27/12/2019 Upto 4:00 pm the tender will not be considered. Delay due will be liability of the bidder / tenderer . for further details visit our official website 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 or AMRUT cell before the stipulated date and time. After the stipulated date and time (27 December .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 Park at bhandari baagh (ward no -43 old) 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 6 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 :
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To,
Executive Engineer,
Nagar Nigam, Dehradun

SUB:- Construction of Park at bhandari baagh (ward no -43 old) 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 1.25 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 rated 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 and 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 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 statues 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 Park at bhandari baagh (ward no -43 old) 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.

SUMMARY OF COST

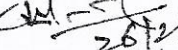
Name of Work :- Development Work for Bhandari Bag Park in Distt. Dehradun.					
S.No.	Particulars	Ref.	Amount (As per DSR)	Amount (As per SOR)	Amount (As per Non DSR)
1	Boundary Wall	4.18	18929.00		
2	Landscaping Work	3.85	385071.00		
3	Development Work	12.08	200955.00	3450958.00	26.14
4	Fixture Work				126000.00
4	Electrical Work				300000.00
	Sub-Total	A	2004955.00	3450958.00	426000.00
	Add GST @ 12 % on A			414115.00	
	Sub-Total	B	2004955.00	3865073.00	426000.00
Grand Total (DSR + SOR + Non-DSR)			6296028.00		
Say in Lac.			62.96		

20.04 40.48 2.26


 अवधि का सहायक अभियन्ता अधिशासी अभियन्ता
 नगर निगम, नगर निगम, देहरादून नगर निगम, देहरादून
 देहरादून

निर्माण कार्य ₹ 60.52 लाख
 आदिप्रार्थि ₹ 2.26 लाख
 ₹ 62.78 लाख

Recommended for administrative
& financial approval of Rs. 62.78 लाख


 26/2/19
 Resident Engineer
 Office of The Chief General Manager
 Construction Wing
 Uttarakhand Pwaj Nigam
 Dehradun



BOUNDARY WALL & GATES						
Bill of Quantity						
S.No.	DSR No.	Item of Work	Unit	Qty	Rate	Amount (In Rs.)
1	5.1.2	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 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	Cum	15.00	6215.35 (6646.62)	93230.25 (99699.30)
2	5.22.6	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.	Otl	24.00	5660 (6053.00)	135840 (145272.00)
3	5.9.5	Centring and shuttering for Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	48.00	666.69	16459.20 (17601.12)
4	6.4.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	7.00	342.90 5582.85 (6970.23)	239079.95 (41791.61)
5	13.1.2	12 mm cement plaster of mix 1:6 (1 cement : 6 fine sand)	Sqm	37.00	171.48	6344.76
6	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).	Sqm	37.00	160.35 102.72	5932.95 (8800.64)
8	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, kilogram gates and similar works.	Kg.	1076.00	96.05 85.95 (91.91)	92482.2 (98895.16)
9	13.62.1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.	Sqm	46.00	119.30 (20.09)	5165.80 (5524.14)
					Total	418928.73
					Say	418929.00

15/11/18
 सहायक अभियन्ता
 नगर निगम,
 देहरादून

15/11/18
 अधिसासी अभियन्ता
 नगर निगम,
 देहरादून

300423.95
 say ₹ 3.00 lac

165942.35
 say ₹ 1.66 lac

391744.20
 say ₹ 3.92 lac
 add Enclp 5.88% 0.23 lac
 add labour cen 1% 0.04 lac
 G.T. ₹ 4.19 lac



Bill of Quantity (Landscaping)						
S.No.	DSR No.	Item of Work	Unit	Qty	Rate	Amount (In Rs.)
1	2.10	Trenching in ordinary soil up to a depth of 60cm including removal and stacking of serviceable materials and then disposing of by spreading and neatly levelling with in a lead of 50m and making up the trenched area to proper levels by filling with earth or earth mixed with sludge or/and manure before and after flooding trench with water (excluding cost of imported earth, sludge or manure).	Cum	443.00	49.04	21724.72
2	2.20	Supplying and stacking of good earth at site including royalty and carriage up to 1 km (earth measured in stacks will be reduced by 20% for payment).	Cum	443.00	355.62	157539.66
3	2.30	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	443.00	251.89	111587.27
4	2.60	Uprooting weeds from the trenched area after 10 to 15 days of its flooding with water including disposal of uprooted vegetation.	Sqm	1474.00	3.10	4569.40
5	2.70	Fine dressing the ground.	Sqm	1474.00	2.30	3390.20
6	2.80	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	295.00	33.10	9764.50
7	2.90	Mixing earth and sludge or manure in the required proportion specified or directed by the Officer-in-charge.	Cum	295.00	22.84	6737.80
8	2.10.1	Grassing with 'Doob' 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 either direction. In rows 7.5 cm apart in either direction.	Sqm	1474.00	11.12	16390.88
9	2.13	Preparation of beds for hedging and shrubbery by excavating cu.m 60cm deep and trenching the excavated base to a further depth of 30cm, refilling the excavated earth after breaking clods and mixing with sludge or manure in the ratio of 8:1 (8 parts of stacked volume of earth after reduction by 20% : one part of stacked volume of sludge or manure after reduction by 8%), flooding with water, filling with earth if necessary, watering and finally fine dressing, leveling etc. including stacking and disposal of materials declared unserviceable and surplus earth by spreading and leveling as directed, within a lead of 50m lift up to 1.5 m complete (cost of sludge, manure or extra earth to be paid for separately).	Cum	3.00	139.89	418.17
10	2.14.3	Digging holes in ordinary soil and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2:1 by volume (2 parts of stacked volume of earth after reduction by 20% : 1 part of stacked volume of manure after reduction by 8%) flooding with water, dressing including removal of rubbish and surplus earth, if any with all leads and lifts (cost of manure, sludge or extra good earth if needed to be paid for separately) Holes 60 cm dia. and 60 cm deep.	No.	30.00	33.31	999.30
11	2.16	Providing and fixing M.S. flat iron tree guard 60 cm dia and 2 m high, above ground consisting 4 nos 25 x 6 mm, 2.25 m long and 8 nos 25 x 3 mm 2 m long verticals M.S. flats, riveted to 3 nos 25 x 6 mm M.S. flat iron rings in two halves, fixing together at site with required six numbers of 8 mm dia. and 30 mm long bolts, including painting two coats with synthetic enamel paint of approved brand and manufacture over a coat of primer. One name plate of 1 mm thick M.S. sheet of size 250x100 mm shall be welded to the tree guard near the middle height and lettered CPWD / PWD/ any other approved name. The tree guard shall be suitably fixed to the ground by embedding four legs of tree guard in pits of suitable dia and to a depth of 25 cm, refilling the pits with soil and ramming, complete in all respect as per satisfaction and direction of Officer-in-charge.	No.	16	3246.83	51949.28
					Total	385071.18
					Say	385071.00

P. Sharan
नगर अभियन्ता
नगर निगम,
देहरादून

[Signature]
सहायक अभियन्ता
नगर निगम
देहरादून

[Signature]
अधिसारी अभियन्ता
नगर निगम, देहरादून

Say ₹ 3,85,000



Bill of Quantity (Development Work)						
S No.	DSR No.	Item of Work	Unit	Qty	Rate	Amount (In Rs.)
1	2.6.1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil	Cum	90.28	125.95 (134.69)	11370.77 (12159.81)
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 excavated soil as directed, within a lead of 50 m. All kinds of soil.	Cum	91.00	166.40 (177.94)	15142.40 (16192.54)
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).	Cum	77.00	4478.15 (4788.88)	344817.55 (368743.76)
4	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	28.00	5012.65 (5360.48)	140354.20 (150092.88)
5	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	585.00	625.70 (658.42)	360184.50 (385175.70)
6	7.38.1.1	40 mm thick fine dressed stone flooring over 20 mm (average) thick base of cement mortar 1:5 (1 cement : 5 coarse sand) with joints finished flush. Red sand stone	Sqm	48.00	1736.65 (1921.31)	86239.20 (92222.88)
7	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, kilogram gates and similar works.	Kg.	1719.00	85.95 (91.91)	147748.05 (157993.29)
8	13.62.1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.	Sqm	153.00	112.30 (120.09)	17181.90 (18373.77)
					Total	1200954.63
					Say	1200955.00

P. P. Kashyap
अवर अभियन्ता
नगर निगम,
देहरादून

[Signature]
सहायक अभियन्ता
नगर निगम
देहरादून

[Signature]
अधिसासी अभियन्ता
नगर निगम, देहरादून

1123038.57
Say 11.23 lac

Total 11.23 lac
add index 5.88% ⇒ 0.66 lac
add labour less 1% ⇒ 0.11 lac

G.T. ⇒ 12.00 lac



Bill of Quantity (Development Work)						
# No.	DSR No.	Item of Work	Unit	Qty	Rate	Amount (In Rs.)
SOR ITEMS						
9	Miscellaneous 1-2	Excavation in foundation for retaining, breast walls etc, in all types of soils and rocks including all lead, lift and disposal of surplus material as per direction of engineer - in - charge, as per drawing and technical specifications Clause 305.1 of MORD Specification	Cum	232.00	2681.70 (254.10)	62338.40 (58951.20)
17	MORD 9-9	Plain Cement Concrete M10 (1:3:6 nominal mix) in levelling course below open foundation of Head walls as per drawings & Technical Specification Clause 1109	Cum	70.00	4591.00 (387.40)	321370.40 (307118.00)
18	Miscellaneous 1-4	Random Rubble Stone Masonry laid in 1:6 cement and sand mortar, in breast walls, retaining walls, parapets, scuppers, etc. including supply of all material, labour, T&P and royalties etc. complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 of MORD Specification	Cum	836.00	3199.60 (3047.20)	2673193.60 (2547459.20)
19	Miscellaneous 1-5	Hand Packed stone filling in back of walls including cost of all materials, royalty, T&P etc. complete as per direction of Engineer-in-charge. (As per PWD Uttarakhand specifications)	Cum	405.00	656.00 (638.00)	266004.00 (258390.00)
20	MORD 11-4-3-1	Plain/Reinforced cement concrete in open foundation complete as per drawing and technical specifications PCC Grade M 20 Using Concrete Mixer	Cum	13.00	501.80 (4896.50)	66323.40 (63654.50)
21	MORD 12-9	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia AC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7	No	449.00	143.20 (138.10)	64296.80 (61108.90)
22	MORD 3-4	Construction of Embankment with Material Obtained from Borrow Pits Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5	Cum	342.00	470.40 (451.10)	160576.00 (154276.20)
					Total	3450958.00
					Say	3450958.00

P. S. Shukla
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देहरादून

S. B. Singh
सहायक अभियन्ता
नगर निगम
देहरादून

Deepa
अधिसारी अभियन्ता
नगर निगम, देहरादून

3614403.00
Bay 7 36.14 lac



Bill of Quantity (Park Fixture)					
S No	Item of Work	Unit	Qty	Rate	Amount (In Rs.)
1	Supply & Fixing of Boundry wall Light for Park supply of all materials T & P etc. Complete in all respect.	No.	8	12000.00	96000.00
2	Supply & Fixing of Swingd for Park supply of all materials T & P etc. Complete in all respect.	No.	4	7500.00	30000.00
				Total	126000.00
				Say	126000.00

PK Sharma
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 अधिशासी अभियन्ता
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Bill of Quantity- electrical work

SL. no.	DSR code no.	Description of item	unit	Quantity	Rate	Amount	Remark
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	6655.92	6655.92	
2	5.4	Earthing with G.I. Earth plate 600mm x600mm x 6mm 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	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 + 1x6 sq.mm earth wire	mtr	80	283.52	22681.6	
4	MR	Decorative pole with 27 watt LED lights	nos	3	22100	66300	MR
					Total	101041.9	
					Say Rs	1.00	In lakh