

# OFFICE OF THE BOUDHGARH NAC: BOUDHGARH

## DETAILED TENDER CALL NOTICE

No :- 3875

Date:- 17.10.19

### (TECHNICAL BID)

***Tender paper for Privatisation of Sanitation service of NAC Boudhgarh for ward No-01 to 17 .***

Name of the tenderer to whom the tender paper issued : **Intending tenderer**

Issued on cash Payment of Rs 10,000.00.. ( Rupees ten thousand ) only

vide money receipt No.....date.....

Last date of submission of quotation paper : dt 25.10.19 upto 3.30P.M.

Opening of quotation paper : dt 25.10.19 at 4.00P.M

**Executive Officer  
Boudhgarh NAC**

#### **FOR OFFICE USE**

#### **Documents Furnished:-**

1. Whether the bidder submitted the required document as per checklist of the DTCN :- Yes/ No
2. If No,
  - a. whether the technical Bid is considered by the Committee
  - b. Whether the technical id cancelled and ordered not to opened the Financial Bid .

Executive Officer,  
Boudhgarh N.A.C

DTCN contains 18 ( eighteen) Pages is approved.

Sd/-  
Executive Officer,  
Boudhgarh N.A.C

# OFFICE OF THE NOTIFIED AREA COUNCIL, BOUDHGARH

**Bid Identification No:- 3875    Date:-17.10.19**

1. Name of the work for which tender invited – Privatization of Sanitation service of NAC Boudhgarh.
2. Estimated cost of work – **Rs. 1,18,86,500.00**
3. Eligible class of contractor – Intending firms/Service Providers/N.G.Os those are experienced in similar nature of work at least three year and other criteria given in the D.T.C.N
4. The Bid documents will be available in the Office of the undersigned from **dt 19.10.19 on 11.00 A.M. to dt 25.10.2019 up to 3.00 P.M.**
5. Last date & time of receipt of Bid through off line, date **25.10.2019 upto 3.30P.M.**
6. Opening of Bid documents Date **25.10.2019 at 4.00P.M.**
7. **The DTCN may also be downloaded from the website : www. Boudh.nic.in and BoudhgarhNAC.in**

Any other details can be found in the DTCN.

Sd/-  
Executive Officer,  
NAC Boudhgarh.

Memo No :- **3876**                      Date:- **17.10.19**

Copy to Office Notice Board for wide circulation of the Notice .

Sd/-  
Executive Officer  
Boudhgarh N.A.C

Memo No :- **3877**                      Date :- **17.10.19**

Copy to the Advertising Manager, The Odisha Bhaskar, The Sambad and The new Indian express to publish the matter in their respective news paper on or before dt 19.10.19 for one day as per I & P.R rate in minimum space & submit one copy of publication for reference and copy in duplicate along with the bill within 7days for making payment.

Sd/-  
Executive Officer,  
NAC Boudhgarh.

Memo No :- **3878**                      Date:- **17.10.19**

Copy to the Auro e-solution, Bhubaneswar for favour of kind information and requested to float this notice in Office website of NAC Boudhgarh.

Sd/-  
Executive Officer  
Boudhgarh N.A.C

Memo No :- **3879**

Date:-**17.10.19**

Copy to the DIO, NIC,Boudh for favour of kind information and requested to publish this notice in Boudh.nic.in

Sd/-  
Executive Officer  
Boudhgarh N.A.C

Memo No :-**3880**

Date:-**17.10.19**

Copy to the Collector, Boudh / Projector, DRDA-cum- P.D DUDA, Boudh for favour of kind information.

Sd/-  
Executive Officer  
Boudhgarh N.A.C

## **OFFICE OF THE NOTIED AREA COUNCIL : BOUDHGARH**

### **Bid Identification No.3/3875/2019-20 / Dated:17.10.19**

The Executive Officer, N.A.C Boudhgarh invites bids on percentage of rate basis in single cover online mode for the work as detailed in the table given below.

No.	Name of the work	Estimate cost of work / year ( including all)	E.M.D	Cost of tender paper	Agency	Period of contract
1	Providing labour Daily for door to door collection of segregated waste materials from the source (by bell ringing vehicle) Daily Road sweeping, Daily Drain cleaning, Daily Garbage lifting, Spraying disinfectants and sanitation service including collection of garbages, solid wastes from various sources to the Material Recovery Facility and Micro Composting centre, management of MRF and MCC, Bush cutting, transportation of all kinds of garbage/ waste from source to the MRF and MCC identified, collection of users fees as approved by the Govt. in H & U.D Deptt. by the NAC authority in 17 Nos. of Wards of NAC Boudhgarh.	Rs.1,18,86,500/-	1,18,865/-	Rs.10,000/-	Registered firms/ Service Provider/ NGOs those are experience in similar nature of work at least for three year in Central Govt./State Govt. or any Govt. undertaking Institution.	One Year

1. Bid documents will be available in the Office of the Executive Officer, NAC Boudhgarh from **dated 19.10.19 on 11.00 A.M. to dt 25.10.2019 up to 3.00 P.M.** on payment of the bid document cost as mentioned in the above table vide column No:5 in shape of Cash/ Bank draft/ pay order/ Demand Draft. The bidder may also downloaded the document from website **www.Boudh.nic.in and BoudhgarhNAC.in** . The bidder who downloaded the document in shape of Bank draft/Demand draft from the website will submit the cost of tender document in a separate envelop subscribed the cost of bid document.
2. Bids must be accompanied payment towards EMD @ 1% of estimated value for one year in shape of Demand Draft/Banker's cheque in any nationalized Bank in favour of the Executive Officer, N.A.C Boudhgarh and payable at Boudh.
3. Bids must be accompanied towards cost of the tender documents amounting Rs.10,000/- (Non-refundable) in shape of Demand Draft/Banker's cheque in any nationalized Bank in favour of the Executive Officer, N.A.C Boudhgarh and payable at Boudh.
4. Price Bid & technical Bid shall be submitted in separate envelop.

5. Bid must be submitted upto dated **25.10.2019 upto 3.30P.M**
6. Bid shall be opened **at 4.30 A.M. on 25.10.2019** in the office of the Undersigned in presence of the bidders or their authorized agents. If the office happens to be closed on the same date, the bid will be opened on the next working date at the same time and venue.
6. The bid document, Financial instrument such as cost of bidding document and bid EMD in original & copy of technical bid in original shall have to submit by registered post, speed post or direct dropping on the Tender Box before the tender opening authority upto dt **25.10.2019 up to 3.30 P.M.** during office hour. The authority is not responsible for any postal delay in any circumstances.
7. The Sanitary equipments i.e. Bamboo sticks, Basket, Coconut Broom, Gloves, Shoes, Uniform & Helmet etc except Bleaching Powder, phenyl, Mosquito oil @ Rs. 15,000/- per month, per annum total Rs. 1,80,000/- will be purchased and supplied by the contractor to the sanitation worker. If the contractor failed to supplied the required materials and reported by the Sanitary Inspector/ Jamadar/ Swatch Sathi, The NAC authority will provide the required materials and the said expenditure made by the NAC Authority will be deducted from the monthly bill of the contractor. The utilization register of the sanitary equipment maintained by the contractor/ agency duly certified by the Sanitary Jamadar / Swatchha Sathi engaged by this office.
8. When the bid amount is up to 15 % less than the estimated cost in such an event, the Successful Bidder will deposit the additional performance security to the extend one times the differential cost of the bid amount. The performance security shall be deposited before Drawal of agreement in shape of Demand Draft/ Bankers Cheque pledged in favour of Executive N.A.C Boudhgarh payable at Boudh and same shall be refunded to the bidder after closer of the contact period without interest.
9. The Executive Officer will purchase & supply to the service provider the monthly sanitary equipments i.e. Bleaching powder, Phenyle and Mosquito oil as per the requirement for each month duly certified by the Sanitary Jamadar / Swatchha Sathi engaged by this office. .
10. The service provider will provide Identity Card to each and every engaged labour.
11. **The Agency will bound to engage Tractors (vehicles) of this office in hire basis and will pay the hire charges as per the estimated cost. The Nos. of tractors/Tata Ace (Vehicles) will be finalized by the undersigned. The service provider will execute the necessary agreement with the undersigned in this regard thereof.**
12. **The Agency will bound to collect the monthly user fees as fixed by the Govt. in H & U.D Deptt under Solid Waste Management Rule-2016. For non collection of user fees on monthly target, the same amount will be deducted as heldup amount till collection of the full amount from the monthly bill of the agency. He should submit the defaulter list for non-collection of user fees to the undersigned. He also report the regular defaulters for toughing the garbage here and there. As per the report submitted by the agency, the undersigned shall impose the fine against the defaulter in co-operation with the Police.**
13. **The payment will be made to the agency basing upon the report given by the Sanitary Inspector / Zamadar/ swatch Sathi/ Ward Officer on day to day basis. The agency should be responsible for non- collection of waste on daily basis. He should be take proper care for**

**redressal of public grievances on sanitation work. He should take immediate and appropriate step to mitigate the public grievance in a war foot manner**

14. The service provider will display name, address and Mobile Nos. of the labour engaged etc. at least three main identified spots of each and every Ward.
15. The service provider will take the attendance of the labour in biometric machine and the same should be reported to the undersigned at the end of the every month.
16. The Bid documents shall contain scan copy of (a) Valid Registration Certificate, (b) PAN card (c) GST Certificate (d) Valid EPF & ESI Registration Certificate (e) Labour license from competent authority (f) Experience Certificate in similar nature of work issued by the competent authority from Municipal corporation/Municipality/ NAC/Govt. organization at least for three years.
17. The authority reserves the right to reject any or all bids without assigning any reason thereof.

Sd/-  
Executive Officer,  
N.A.C Boudhgarh

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Boudhgarh N.A.C

Memo No :-**3880**

Date:-**17.10.19**

Copy to the Collector, Boudh / Projector, DRDA-cum- P.D DUDA, Boudh for favour of kind information.

Sd/-  
Executive Officer  
Boudhgarh N.A.C

## GENERAL TERMS AND CONDITIONS

01. The bidders are required to inspect and assess the entire geographical area as per annexure-I and quote their rates of the labour charges for sweeping, bush cutting, drain cleaning, collection wastes from door to door including lifting & transportation of Solid Waste and disinfecting collection points and spreading disinfectants like bleaching powder etc. which will be supplied by N.A.C Boudhgarh.
02. The Bidders are expected to examine all the instruction, terms and specification in the bid documents, Failure to furnish all information as per the bid document & submission of bids not substantially responsive to bid document in every respect will be at bidder's risk and shall result in rejection of the bid.
03. The bidder must have appropriate resources, Necessary expertise, Requisite manpower and supervisory ability to undertake the work.
04. The bid is meant for carrying out the work for a period of one year, N.A.C Boudhgarh shall have the liberty to float any comprehensive contract during the currency of the contract period & no party will have right to challenge it.
05. N.A.C Boudhgarh shall have the right to terminate the contract on the ground of improper performance and violation of the terms of the contract without assigning any reason by giving 15 days prior notice
06. Conditional and incomplete bid is liable for rejection.
07. Letter of authorization for representing the registered firm/entrepreneur/Private company/NGOs and to sign the bid document should be enclosed along with the bid document.
08. The rate should be clearly mentioned in the tender paper including EPF,ESI etc.
09. All the documents furnished by the bidders are subject to verification from the issuing authority. In case any manipulation is found, the EMD & Performance guarantee of any other amount deposited against this tender will be forfeited and steps shall be taken for black listing of the bidder.
10. The bidders have to submit all documents as per eligibility criteria shown in the bid documents along with quoted rates.
11. The Supervisor/ Sanitation Jamadar/ Swatchha Sathi of N.A.C Boudhgarh will supervise the sanitation work.

Executive Officer,  
N.A.C Boudhgarh.

## **SCOPE OF WORK**

### ***A. (1) Sweeping & Door to door Collection of Segregated Waste :***

(A) Sweeping of all the roads, lanes of entire ward is to be made daily; domestic refuses shall have to be collected daily from all households, shops, kiosks and vending zones in segregated manner. The MSW generated from road sweeping and door to door collection is/are to be accumulated in the dustbins/garbage bins placed on the road side and temporary collection points identified by N.A.C Boudhgarh from which daily lifting is to be made to the Material recovery facility centre and Micro Composting Centre identified by N.A.C Boudhgarh as per the scope of work mentioned in item-3.

(B) Night Cleaning should be made in the marketable area & Bus stand area which is a mandatory condition in the sanitation work.

### ***(2) Cutting of bushes & cleaning of drains:***

The bushes & shrubs from roadside berms and conservancy lanes are to be cleaned by the agency, the road side drains are also to be cleaned i.e. removal of polythene, paper, foreign material and other floating materials to avoid chocking of the drains and the MSW generated are to be accumulated in the dustbins/garbage bins placed on the road side and temporary collection points identified by N.A.C Boudhgarh from which daily lifting is to be made to the Material recovery facility centre and Micro Composting Centre identified by N.A.C Boudhgarh as per the scope of work mentioned in item.3

### ***(3) Collection & Transportation of Solid Wastes:***

The municipal solid wastes which is generated from various sources and accumulated as mentioned in item-1 and item-2 noted above is required to be collected and lifted from different collection points/dustbins of that particular ward/lanes and transported to the designated place/ Material recovery facility centre and Micro Composting Centre as decided by the N.A.C Boudhgarh. The collection points are to be disinfected by spreading of disinfectants like bleaching powder, phenyl and mosquito Oil etc. which will be supplied by N.A.C Boudhgarh as per direction of the Officer-in-Charge N.A.C Boudhgarh.

The Municipal Solid Waste includes the following.

1. Garbage arising from street sweeping and cleaning of drains.
2. Domestic and commercial like shop room , Market, Kiosks etc refuses.
3. Garbage from roadside dustbins.
4. Garbage accumulated at temporary collection points identified by N.A.C Boudhgarh

**(4)** Garbage generated from bush and grass cutting from road side bushes and conservancy lanes. During Local festivals, National Day Celebration or V.I.P programme, Special Cleaning work and spreading of bleaching/lime stone shall be made by the Agency as per instruction of the Municipal Authority/Sanitary Inspector/Sanitary Supervisor of this NAC Authority.

**( 5) Treatment of waste at MRF and MCC:**

The sanitation workers are deployed for further segregation of the waste and engaged in the MRF and MCC for smooth and effective treatment of dry waste and wet waste as the revised strategy of decentralized Solid Waste Management

**( 6) Sanitation workers :**

The sanitation workers shall be deployed keeping in view of the revised strategy of decentralized MCC for smooth and effective collection of segregated waste. The contractor should submit an action plan indicating the street , no of household, vehicle number, time of collection of waste, delivery of segregated waste in the MCC and MRF/ OCC, time and location for unloading of saleble and non-saleable dry waste, Supervision mechanism etc with an ultimate objective of Zero discharge to the land fill site.

*Executive Officer,  
N.A.C Boudhgarh*

## Eligibility criteria and General Instructions to Tenderers

### Eligibility criteria:

***The technical bid shall be accompanied*** with attested photo copy of the following requisite documents failing which the bid shall be rejected out rightly.

1. Credibility and experience certificate issued from the concerned Authority /Employer of a Govt./ULB/PSU of repute at least for 03 (Three) years under whom the work is done for performing the similar nature of work i.e. Sweeping of streets, cleaning of drains, transporting of MSW.
2. Valid Registration Certificate.
3. PAN Card.
4. GST Registration Certificate.
5. Valid labour license under contract labour (Regulation and Abolition) Act, 1970 (Minimum 78 labourers).
6. Valid & up-to-date EPF/ ESI registration certificate and deduction vouchers up to March—2019 .
7. EMD 1% of the estimated value for one year.
8. The bidder must have enclosed the documents relating to ownership of vehicles/agreement with the owners in case of hiring vehicles.

Sd/-

***Executive Officer,  
N.A.C Boudhgarh.***

## **SPECIAL CONDITIONS:**

1. The Vehicles to be engaged for transportation of solid wastes must be in good running conditions. The Agency/NGO/Private Company will submit the attested photo copy of the required documents of the vehicles such as RC book. Comprehensive insurance, Fitness, Permit, up-to-date road tax from the competent authorities at the time of execution of agreement.
- 2 The drivers of the vehicles must have valid driving license.
- 3 The Agency/NGO/Private Company supplying the vehicles will bear-
  - i) The Salary and Other expenses of the driver and other staff attached to the vehicles.
  - ii) Cost of fuel and other lubricants (POL).
  - iii) Cost of repair and maintenance of the vehicles engaged.
4. The vehicles offered shall be in good condition. Preference will be given for latest model vehicles. Officials of N.A.C Boudhgarh shall carry out inspection of said vehicles and decision of N.A.C Boudhgarh will be final and binding on the tenders in this regard.
- 5 The Agency shall be responsible for obtaining necessary permit comprehensive insurance policy, appropriate driving license etc. and complying with all the statutory requirement including labour laws that may be necessary in this respect, N.A.C Boudhgarh will not be responsible for any consequence out of any violation of Rules or Act by the agency.
- 6 The agency shall indemnify the N.A.C Boudhgarh against any claim, losses, damages concerning to workers/employees during the contract period.
- 7 The Agency shall pay all the statutory and other taxes of vehicle and keep the fitness certificate during the contract period.
- 8 The Officer-in-charge or authorized officer will check the vehicle documents as and when required.
- 9 Payment shall be made by the agency to his employees/workers as per their category and nature of work which shall not be less than the estimated labour charges mentioned in Bid document following to minimum wages Act by Govt. of Odisha. It might be increased in Labour Charges, whether Govt. will hike the minimum wages during contract period.
- 10 The successful bidders shall execute an agreement with the N.A.C Boudhgarh within 7 days from the date of receipt of letter or acceptance from N.A.C Boudhgarh. The EMD and APS shall be retained as security deposit till closure of the contract without any interest. The EMD and APS which will be kept as security deposit can be replaced by submitting Bank Guarantee of equal amount. The EMD of the unsuccessful tenderers shall be refunded back on application only after finalization of the bid and drawl of agreement with the successful bidder. In case of failure to execute agreement in time, the EMD and other deposits will be forfeited .The tender call notice shall form a part of the agreement.
- 11 Renewal might be made for another one year considering the satisfactory performance of work and willingness of both parties.
- 12 Details of Terms & Conditions will be incorporated in the agreement.

- 13 The vehicles deployed for collection of garbage will be green colour with logo of N.A.C Boudhgarh. The sweepers, labours engaged for door to door collection of wastes, drain cleaners, bush cutters etc. engaged for loading and unloading will perform their duty in uniform, the colour will be prescribed by N.A.C Boudhgarh. This shall be complied by the Executing Agency so as to ensure better identification by the public as well as officers of N.A.C Boudhgarh.
- 14 N.A.C Boudhgarh shall have the right to add or delete any conditions(s) to and from the agreement as and when necessary for smooth management of sanitation work.
- 15 The transportation of MSW will be done with due care and transporting vehicles shall be covered as per norms specified by the Pollution Control Board.
- 16 **If the agency will not perform the sanitation work to the satisfaction of N.A.C Boudhgarh authorities in any particular day then the N.A.C Boudhgarh is at liberty to engage and substitute man power for sweeping, bush cutting, drain cleaning, engage own vehicle, hired vehicles for lifting the pending MSW and may impose penalty up to 10% of agreement value in which the decision of the Executive Officer will be final and binding which shall be recovered from the monthly bill of the agency.**
- 17 The waste collectors engaged by the agency shall collect solid waste from various households on daily basis in particular fixed timing area wise as may be finalized by the agency in consultations with the Officer-in-charge of N.A.C Boudhgarh.
- 18 In case of requirement for transportation of solid waste beyond 10 KMs, then the extra payment for transportation will be paid as per schedule of rate for the estimates volume/quantity of garbage.
- 19 The agency shall start the work by 5.30AM and deployed as many vehicles as required to transfer the solid waste generated from different sources, arrangements for loading and smooth lifting of MSW so generated.
- 20 In case of any dispute arising out of the contract, the matter shall be decided as per law and as per the decision of Executive Officer of N.A.C Boudhgarh.
- 21 In case, labour rate is hiked by Govt. of Odisha, payment will be made accordingly, considering the engagement of labour in the work duly certified by the Officer-In-Charge of the work.
- 22 During night cleaning in marketable area, the agency shall start the work by 10.30PM to minimize the work load during day time.
- 23 The agency has to maintain a register clearly indicating the number of labour & vehicles engaged in the work and quantity of waste collected from different source date wise and the same to be deposited in the office at the end of every month for record
- 24 The Agency has to submit the copy of EPF deposit ESI of the employees every month in the office of the undersigned for record.

*Executive Officer,  
N.A.C Boudhgarh*

### CHECK LIST

<b>Sl. No</b>	<b>List of documents</b>	<b>Details of document</b>	<b>Should be left blank for office use only</b>
1	2	3	4
1	Certificate of Registered Firm/ Entrepreneur/ N.G.O./ Private Company		
2	PAN Card		
3	Up-to date GST Clearance Certificate up-to-date November—2018.		
4	Valid up to date EPF Registration Certificate and deduction vouchers issued from concerned RPFC (up-to- date November—2018)		
5	Valid Labour license under contract labour (Regulation and abolition) Act,1970.(minimum 175 labourers)		
6	Ownership documents of Tractors/ Mini Trucks/ Trucks or agreement of hire vehicles.		
7	Undertaking to provide the extra vehicles as per requirement by N.A.C Boudhgarh to carry out the work smoothly.		
8	Credibility and experience certificate issued from the concerned Authority/Employer of a Govt./ ULB/ PSU of repute at least for three years the work is done for performing the similar nature of work i.e. sweeping of streets. Cleaning of drains, transportation of MSW.		
9	EMD Furnished		
10	Differential amount between tendered value and estimated cost		

*Executive Officer,  
N.A.C Boudhgarh*

### Ward wise data of NAC Boudhgarh

Ward No	Area	Population	No. of House hold as per 2011	No. of House hold at present	No of Shop room	Total	Road length in mt	Drain length in mt
1	RameswaraBihar , Malisahi , LIC Colony , Block Colony , LIC Colony & Panuasahi	1596	362	553	27	580	3150	928
2	Bagichasahi , Sanmalisahi Part	1292	306	304	17	321	2317	1748
3	Keutsahi , Sanmalisahi Part	1216	256	155	124	279	1150	2148
4	Market Square , Danisahi , Pathanasahi Part,	1016	209	120	122	242	1558	2580
5	Sudasahi, Khadalsahi , Pathansahi Part	1397	305	323	90	413	1438	1850
6	Babusahi, AminaPada	1475	361	272	5	277	2526	2862
7	Podapada Part , Brahminsahi, Rajbati , Jarikhandi , Goudasahi& Teacher Colony ( in front of J.D High School	1792	376	292	180	472	1911	1192
8	Podapada Part , Rathasahi	948	224	242	4	246	938	1638
9	Nuasahi, Refugee Colony , Master Line and Revenue Colony	1487	366	402	44	446	2743	625

10	Betrasahi, Mochisahi, Panasahi, Sukhua Godown to Employment Exchange	841	<b>214</b>	205	10	215	1747	1571
11	Rajanpali	934	<b>207</b>	220	13	233	1491	1330
12	Butupali Part &Nuapalibasti	1684	<b>349</b>	370	35	405	2734	2200
13	Marjakud North side	815	<b>163</b>	177	0	177	1930	190
14	Marjakud South Side	794	<b>167</b>	172	0	172	723	70
15	Khaliabagicha	1328	<b>314</b>	352	70	422	1725	3450
16	Ghasisahi	815	<b>182</b>	212	4	216	1970	2470
17	Thuranali , Kendupali , Nuapali , Butupali Part	1005	<b>218</b>	325	7	332	1496	350
		<b>20435</b>	<b>4579</b>	<b>4696</b>	<b>752</b>	<b>5448</b>	<b>31547</b>	<b>27202</b>

Executive Officer,  
NAC Boudhgarh.

## PRICE BID

**SCOPE OF WORK: PROVIDING DOOR TO DOOR COLLECTION OF SEGREGATED WASTE, STREET SWEEPING, DRAIN CLEANING, TREATMENT OF WASTE AT MCC AND MRF, LIFTING AND SHIFTING OF WASTE TO LAND FILL SITE, COLLECTION OF USER CHARGES AS PER H&U.D. DEPTT GUIDELINE ETC OF NAC BOUDHGARH.**

SI No	Details	Unit	Qty
<b>A</b>	<b>Household data</b>		
1	No. Of Household as per 2011 census	No	4579
2.a	No. Of Household as on 2019 ( As per special survey )	No	4696
b	No. of shop Room	No	752
3	Population as per 2011 Census	No	20435
4	Floating Population per day	No	500
	<b>Total Population</b>	No	20935
<b>B</b>	<b>Waste Generation Data</b>		
5.a	Taking average generation of Garbages in NAC Boudhgarh	gm	300
b	For Floating population	gm	125
6.a	Total waste Generation of garbages @300gm/p	gm	6280500
b	waste generation for Floating population @125gm/P	gm	62500
c	Gross total of waste generation	gm	6343000
	Total waste generation	ton	6.34
7	Taking 60:40 proportion of Collection of wet waste and dry waste		
	Wet waste garbages -60%	ton	3.81
	Dry waster-40%	ton	2.54
8	Taking the decadal growth of population in future requirement , the MCC provided	ton	5.00
<b>C</b>	<b>Calculation of Cost</b>		
9.a	Labour required for the sanitation work as per specification approved by the Govt.i.e 28nos per 10,000 population	No	58.62
9.b	Extra labour required for further segregation and MCC and MRF	No	10.00
9.c	Gross total labour required	No	68.62
9.d	Cost of labour per day	No	286.30
9.e	Total cost of labour charge	Rs	19645.33

10.a	Supervisor required for the sanitation work as per specification approved by the Govt. i.e 01nos per 2400 house hold	No	2.00
10.b	Gross total labour required	No	2.00
10.c	Cost of labour per day	No	436.30
10.d	Total cost of labour charge	Rs	872.30
11.a	Total expenditure made for labour payments	Rs	20517.93
11.b	Add 13.61% for EPF Deposit	Rs	2667.33
11.c	Labour Cess 1%	Rs	205.18
11.d	<b>Total Expenditure for Labour per one day</b>	<b>Rs</b>	<b>23390.44</b>
12	Transportation cost of Garbage i.e Assume hire charges of 3nos tractor with driver working daily with 8 hours and one hour rest @ Rs 200.87/ hr for 21hours	hr	4820.88
13	Tool and Plants, Sanitation materials like bleaching powder, phenyl, moisquito oil etc as and when required Say	L.S	500.00
14	Total Cost per day	Rs	28711.32
15	Add 15% overhead charges and supervision charges	Rs	4306.70
	Total Expenditure for one day	Rs	33018.02
	Total expenditure for one month i.e for 30days	Rs	990540.68
	For One Year i.e 12months	Rs	1,18,86,488.17
		Rs	1,18,86,500.00

Executive Officer,  
NAC Boudhgarh.

Rate quoted by the Bidder ----- which is \_\_\_\_\_%  
less/ excess or equivalent to the amount put to tender amounting to Rs \_\_\_\_\_  
( Rupees \_\_\_\_\_ )  
only

Signature of the bidder