

Expression of Interest (EOI)

**Selection of Contractors for Borewell drilling for Supply of
Drinking Water to Rural Habitations of Odisha**

**Rural Water Supply & Sanitation (RWS&S)
Panchayati Raj & Drinking Water Department,
Government of Odisha**

February 2018

**OFFICE OF THE ENGINEER-IN-CHIEF
RURAL WATER SUPPLY & SANITATION,**

JAL O PARIMAL BHAWAN, UNIT-V, BHUBANESWAR-751001, ODISHA

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Expression of Interest (EOI)

EOI Notice No. 1573 / EIC/RWSS of 2017-18 dt. 21.02.2018

Invitation of Expression of Interest for “**Selection of Contractors for Borewell drilling for Supply of Drinking Water to Rural Habitations of Odisha**”

1. Introduction:

The Rural Water Supply & Sanitation (RWS&S) (The Authority) wing of Panchayati Raj & Drinking Water Department, Government of Odisha executes water supply projects in the rural areas of the State Funds to the tune of Rs. 5,000 Crores is made available through annual plan budget of State Government, Central Government & Finance Commission Funds and other schemes.

The State of Odisha envisages a goal to provide Water Supply to all habitations of the State by year 2020. Hence, the executing arm of the State i.e. RWS&S is actively engaged in capacity augmentation to achieve the goal at the earliest. RWS&S is responsible for providing turnkey services starting from identification of feasible sources to supply of water to the beneficiaries.

Besides identification of feasible surface sources RWS&S is also identifying spot sources. In recent time RWS&S envisages around 1700 spot sources for Piped Water Supply (PWS) projects and 15000 sources for tubewells for water supply to rural areas. In this context, The Engineer-in-Chief, RWSS, Odisha, Jal O ParimalBhawan, Unit-5, Bhubaneswar-751001 on behalf of the Government of Odisha in Panchayati Raj Department invites Expression of Interest (EOI) from established firms/companies for undertaking Drilling works in spot sources.

The interested applicants shall submit their detailed proposal by Speed Post/Courier/Registered Post/Drop box at the office of Engineer-in-Chief, RWSS by **1700 hours of 23.03.2018**. The Authority shall not be responsible for any postal delay. Proposal received after deadline shall be rejected.

A pre-bid meeting shall be conducted on **11:00 hours of 12.03.2018** at Office of the Engineer-In-Chief, Rural Water Supply & Sanitation, Jal O ParimalBhawan, Unit-V, Bhubaneswar-751001, Odisha. Interested bidders may send their queries to cerwss@nic.in and attend the said pre-bid meeting.

2. Pre-qualification/Eligibility criteria for Applicants:

- A company incorporated under Indian Companies Act, 1956 or a Firm registered under Partnership Act, 1932 or Sole Proprietorship.
- The applicant must have completed satisfactorily at least **25works of similar nature**for PWS bores (for applicants applying for PWS bores) and 50 numbers of

tubewells(for applicants applying for tubewells) for Government/PSU/Private sectorclients during last two years i.e. FY 2015-16 & FY 2016-17. The Applicant shall submit certificate of satisfactory execution from client, of such works and submit the copy of work order having such details

Similar Works shall mean:

- i) For PWS Bores: Drilling of Borewell of minimum 200 mm / 150 mm dia with a depth of minimum 200 meter using different methods of drilling i.e. Mud Rotary/ Combination (DTH-cum-Rotary using ODEX system) / Combination (DTH-cum-Rotary)
 - ii) For Tubewells: Drilling of minimum dia 125mm/100mm with depth of 50 meters in Mud Rotary/ Combination (DTH-cum-Rotary using ODEX system) / Combination (DTH-cum-Rotary)
- The applicant company/firm must have been in providing services of similar work at least 3 years prior to the due date of submission of the EOI. A completion certificate from the client for completion of similar work done 3 years prior to the due date of EOI must be furnished
 - The Average Annual Turnover (**from works of similar nature**) of the applicant during last 3 financial years (FY 2014-15, 2015-16 & 2016-17) shall be more than **Rs. 50.00 Lakhs**. A certificate from Chartered Accountant specifying the total turnover of the company and turnover from similar works must be attached in the Proposal.
 - The applicant must have a registered contractor license issued by any Government Organisation in India. A copy of the license to be furnished in the EOI proposal

3. Preferential Criteria:

- Owners of rigs will get preference at the time of award of contract.

4. Documents required to be submitted in the EOI proposal:

The interested firms must provide complete information with relevant supporting documents in the EOI proposal in respect of the following:

- Complete organisation details with Name, Address, Telephone/Fax No. and e-Mail ID as per format prescribed in **Annexure-I**
- Certified copy of Incorporation under Indian Companies Act, 1956 or The Partnership Act, 1932 or Sole Proprietorship. Copy of Partnership Deed in case of Partnership Firms must be submitted.
- PAN Card & GST registration Certificate.
- Past Experience of the firm in execution of similar assignments as per format prescribed in **Annexure-II** (*please refer to the pre-qualification criteria of providing work experience for similar works completed in last two Financial Year*) supported by

proof of work done in the form of Work orders and Completion Certificate from the client

- Audited Financial statement of the firm for last 3 years i.e. FY 2014-15, FY 2015-16 and FY 2016-17
- Empanelment/Enlistment with other Government Organisation/Agencies/Institution for providing similar services which is in force as on date of submission of EOI, **if any**. The applicant must submit Empanelment letter from such Government Authority as proof of empanelment
- Any other document specified in Pre-qualification criteria
- The details of Rig owned as per format prescribed in **Annexure-III**
- Financial Proposal Submission form as per **Annexure-IV**
- **All the above documents should be signed and sealed in each page and Applicants must submit a signed and sealed copy of the EOI Document.**

5. Terms of Reference:

- Machinery, equipment, tools, plants and all necessary accessories will be arranged by executing agency/firm/company. The casing pipe, slotted pipe and stainer will be supplied by RWSS.
- The agency/firm/company has to make its own lighting arrangement at site with own cost.
- Gravel and Bentonite shall be provided by the agency/firm/company for Bore packing and binding
- Proper capping of the borewell post completion of drilling shall be done by the executing agency/firm/company
- After completion of the drilling work, the contractor shall test the yielding in presence of JE/AE/AEE of the department which shall be documented on spot and signed by the executing agency/firm/company and JE/AE/AEE (present)
- Depth of overburden and total depth of the bore shall be measured by agency/firm/company in presence of JE/AE/AEE of the department which shall be documented on spot and signed by the agency/firm/company and JE/AE/AEE (present)
- The agency/firm/company shall submit the layer chart to AE/AEE immediately after completion of drilling.
- The division-wise details of the number of borewells to be drilled under different method of drilling is provided in **Annexure-V**.

- The agency/firm/company shall provide all the requisite manpower and machineries for satisfactory completion of the work
- Irrespective of the number of drilling work awarded to the firm, the work must be completed by 31st May, 2018. The applicants are requested to assess their machinery and manpower accordingly.

6. Specification of Bore well and Types of Drilling to be undertaken:

a. PWS Bore

Sl.	Type of Drilling	Bore well Diameter	Max. Depth *
1	Mud Rotary	200mm	350 meter
2	Combination (DTH-cum-Rotary using ODEX system)	200mm / 150 mm	350 meter (including ODEX 100 meter)
3	Combination (DTH-cum-Rotary)	200mm / 150 mm	300 meter (including 150 meter rotary drill)

b. Tubewells

Sl	Type of Drilling	Bore well Diameter	Max. Depth *
1	Mud Rotary	125 mm	60 m
2	Combination (DTH-cum-Rotary using ODEX system)	125 mm/100mm	60 m
3	Combination (DTH-cum-Rotary)	125 mm/100mm	60 m

* The Maximum Depths mentioned above are indicative in nature and may vary according to site conditions.

7. Financial Proposal/Price Offer:

The rates must be inclusive of all cost incidental to such work but exclusive of GST. The applicant must provide the Financial Proposal as per form prescribed in **Annexure-IV**. The price offer must be enclosed in a separate envelope and clearly superscribed "Price Offer for Selection of Contractors for Borewell drilling for Supply of Drinking Water to Rural Habitations of Odisha". The Price Offer envelope alongwith the other documents will be packed in a bigger sealed outer cover. The PriceOffer of only those firms fulfilling the Eligibility Criteria and who have submitted all the required documents as per Clause 4 above shall be opened.

8. Submission of Proposals: Packing, Sealing and Marking

The Technical Proposal (Part A) containing all the documents as stipulated in Clause 4 above and Price Offer (Part B) must be inserted in separate sealed envelopes, along with Applicant's name and address in the left hand corner of the envelope and super scribed in the following manner.

PART A

TECHNICAL PROPOSAL for Selection of Contractors for Borewell drilling for Supply of Drinking Water to Rural Habitations of Odisha

PART B

PRICE OFFER for Selection of Contractors for Borewell drilling for Supply of Drinking Water to Rural Habitations of Odisha.

Both the Envelopes i.e. Envelope for Part-A and Envelope for Part-B must be packed in a bigger sealed outer cover and clearly super scribed with the following:

PROPOSAL for Selection of Contractors for Borewell drilling for Supply of Drinking Water to Rural Habitations of Odisha

The Bidder's Name & Address shall be mentioned in the left hand bottom corner of the outer envelope.

The envelopes shall be addressed to RWSS at the following Address:

The Engineer-in-Chief
Rural Water Supply & Sanitation (RWS&S)
Jal O ParimalBhawan, Unit-V, Bhubaneswar-751001, Odisha
Tel: 0674-2395734

9. Award of work:

Applicants will be awarded work on Lowest Cost (L1) basis. All the works under one Division shall constitute one package and shall be assigned to one agency based on the L1 Price Offer and subsequent negotiations. The bidders will have to accept the Letter of Award within seven days of issuance of such letter, failing which the work shall be awarded to the next lowest bidder(s) at L1 price. The Authority reserves the right to distribute the work among one or more eligible contractor to meet the exigent need of water supply in the rural areas, exigencies and seasonality factors as well as the capacity of the agencies to undertake the work.

Annexure-I

Organisation Details

1.	Name of the Company/Firm	:	
2.	Year Established	:	
3.	Type of Firm	:	Public Ltd./Pvt. Ltd./Partnership/Sole Proprietorship/LLP
4.	Objective of Company/Firm	:	
5.	Address of Office	:	
6.	PAN No.	:	
7.	GST Registration Number	:	
8.	Telephone No./ Fax No.	:	
9.	Email Address	:	
10.	Contact Person with Designation	:	
11.	Name of the Government Department/PSU/Private Sector/International Clients to whom bidder has provided similar services	:	
12.	No. of years of proven experience of providing similar services	:	
13.	Annual Turnover of the Firm/Company (in Rs.) during preceding three Financial Years	:	2014-15: 2015-16: 2016-17:

Authorized Signatory :

Name and Designation :

Company Seal :

Annexure-II
Past Experience of the firm in similar assignments

S No.	Items	Description
1	Name of the Client	
2	Experience in PWS bores	
	i) 2015 - 16	Number: Value of work:
	ii) 2016 - 17	Number: Value of work:
3	Experience in Tubewells	
	i) 2015 - 16	Number: Value of work:
	ii) 2016 - 17	Number: Value of work:

Copy of Work Orders to be submitted herewith.

Authorized Signatory :

Name and Designation :

Company Seal :

Copy of Work Orders to be attached.

Annexure-III
Details of the Rig owned

1. Please specify and provide the details of Nos & types of rigs/drilling machines owned by the firm:
 - i. Type of Rig -----
 - ii. Chasis No/engine no. -----
 - iii. Name of the manufacturing /assembling company along with complete address and phone no. -----
 - iv. Maximum drilling capacity in meters -----
 - v. Registration no/any other no marked on drilling machine/Rig machine by the manufacturing company. -----

 - vi. Details of design specification / Ear marked on Rig machines/Drilling machines by the company -----

 - vii. Proof of ownership to be attached (Original documents shall be verified prior to award of work)

2. Specify and provide the detail of accessories of Rig machines/Drilling machines owned by the firm for drilling mechanism -----

It is certified that the above information furnished by me is true to the best of my knowledge and belief.

Date:
Place:

Signature of the owner of drilling machine

Annexure-IV
Price Offer

Date:

To,

The Engineer-in-Chief,
Rural Water Supply & Sanitation (RWS&S),
Jal O ParimalBhawan, Unit – V,
Bhubaneswar – 751001

Sub: Price Offer for Borewell drilling of various Diameter and Depth under different methods of drilling for Supply of Drinking Water to different rural habitations of Odisha

Dear Sir,

With reference to your EOI document dated, I/we, having examined the EOI Document and understood their contents, hereby submit my/our Price offer for the aforesaid Project. The Price offer is unconditional and unqualified.

I/We further acknowledge that we have understood the Terms of Reference provided in the EOI document and are well aware of our scope of services. We are well aware of the Geographical terrain of the State grouped under different divisions of RWS&S. The Price offer quoted by us shall be valid for a period of one year from the Date of this Price Offer.

We do hereby confirm that our rates are inclusive of all cost incidental to the work but exclusive of Goods and Services Tax (GST). The division-wise rate for various types of drilling process is provided in the table below:

Rates for PWS Bores *

Sl.	Name of Division**	Unit rate (per meter) quoted ¹				
		Mud Rotary	Combination (DTH-cum-Rotary using ODEX system)		Combination (DTH-cum-Rotary)	
		200 mm dia	200mm dia	150mm dia	200mm dia	150mm dia
1	Division 1					
2	Division 2					
3						

¹ For evaluation purpose, following depth of bore will be taken into consideration

Mud Rotary: Total Depth 350 meters

Combination (DTH-cum-Rotary using ODEX system): 100m depth of 200mm dia and 250m depth, 150mm dia

Combination (DTH-cum-Rotary): 150m depth of 200mm dia and 150m depth, 150mm dia

Rates for Tubewells*

Sl.	Name of Division **	Unit rate (per meter) quoted ²				
		Mud Rotary	Combination (DTH-cum-Rotary using ODEX system)		Combination DTH-cum-Rotary)	
		125 mm dia	125 mm dia	100 mm dia	125 mm dia	100 mm dia
1	Division 1					
2	Division 2					
3						

Date:

Place:

Seal & Signature of the Authorised representatives of the company/firm

* **Applicants can submit their Price Offers for either or both i.e. PWS Borewells and Tubewells**

** **Applicants can submit their Price Offers for the one or more divisions as per their preference**

² For evaluation purpose, following depth of bore will be taken into consideration

Mud Rotary: Total Depth 60 meters

Combination (DTH-cum-Rotary using ODEX system): 30m depth of 125mm dia and 30m depth of 100mm dia

Combination (DTH-cum-Rotary): 30m depth of 125mm dia and 30m depth of 100mm dia

Annexure-V
Division-wise borewell requirement information

Sl.No.	Name of Division	No. of Tubewells required	No. of PWS Borewells required
1	Anandapur	257	33
2	Angul	391	58
3	Athagarh	38	6
4	Balasore	785	144
5	Bargarh	421	13
6	Baripada	907	69
7	Brahmapur	869	93
8	Bhadrak	353	24
9	Bhanjanagar	603	94
10	Bhubaneswar	685	97
11	Bolangir	833	72
12	Boudh	365	40
13	Cuttack	936	14
14	Deogarh	0	0
15	Dhenkanal	359	8
16	Gajapati	391	10
17	Jagatsinghpur	829	13
18	Jajpur	486	118
19	Jharsuguda	163	14
20	Kalahandi	230	116
21	Kendrapara	1421	37
22	Keonjhar	328	9
23	Koraput	117	51
24	Malkangiri	150	11
25	Nawarangpur	437	26
26	Nayagarh	448	109
27	Nuapada	273	2
28	Phulbani	641	57
29	Puri	0	47
30	Rairangpur	1169	121
31	Rayagada	352	23
32	Rourkela	11	70
33	Sambalpur	150	40
34	Sonepur	271	64
35	Sundergarh	137	18
Total		15806	1721