

NOTICE FOR

EXPRESSION OF INTEREST (EOI)

**SHORTLISTING OF INSTITUTIONS / ORGANIZATIONS / FIRMS
FOR CONDUCTING MASON TRAINING UNDER RURAL HOUSING
THROUGH CONSTRUCTION SKILL DEVELOPMENT COUNCIL OF
INDIA/SKILL DEVELOPMENT INITIATIVE EMPANELLED FIRM**

NO: PR-RH-IAY-0022-2016-18306 Dated: 05-10-2016



**GOVERNMENT OF ODISHA
PANCHAYATI RAJ DEPARTMENT**

2016

1. Background:-

Government of Odisha is committed to convert all kutchha houses to pucca house by the year 2019 in a mission mode approach. During last two financial years (i.e. 2014-15 & 2015-16), 10 lakh houses have been built. Further, a target has been fixed to build 16 Lakh houses in the coming 3 years. Now the focus is on construction of qualitative, eco-friendly and affordable houses in the State. In order to achieve the desired goal the contribution of skilled masons is of paramount importance.

2. Objective:-

In order to create a pool of skilled and certified masons at grass-root level for quality construction of houses under various rural housing schemes, it is imperative to create masons out of interested, semi-skilled youth and to make them aware of updated knowhow of required designs and appropriate use of building materials.

3. Eligibility Criteria:-

The firm should be accredited with Construction Skill Development Council of India/Skill Development Initiative.

4. Target of trainees for the FY 2016-17

- a. Masons to be trained: **30,000**
- b. Head masons to be trained: **5010**
- c. Batch size for masons' training: **30**
- d. Batch size for head masons' training: **20-30**
- e. Duration of the training :
For Masons: **45 (5 days classroom and 40 days onsite)**
For head Masons: **7**

5. Strategy for the training:-

- a) To conduct training of Head Masons at Block Level.
- b) To complete head mason training during the month of October.
- c) To conduct training of masons at village level.
- d) To take up the on-site mason training as per the schedule finalized and communicated by BDO.
- e) To conduct theory class both for Head Mason and Masons in consultation with BDO.
- f) Faculties for theory class to be deployed by the agency.
- g) Agency will conduct test at block level after completion of the training. Certification will be done by the agency.

6. Contents to be covered during the training:-

Theory

- a. Material required for layout
- b. Earth excavation for foundation
- c. Materials used for foundation and plinth.
- d. Ratio of Plain Cement Concrete (PCC)
- e. Brick/ Block/Random Rubble masonry work in foundation and plinth
- f. Centring and shuttering
- g. Reinforcement
- h. Plastering
- i. Quality, size & quantity of material
- j. Proper alignment
- k. Proper levelling and curing
- l. The box size of (1' 0" x 1' 0" x 1' 3") to measure the material

Onsite

- a) Mark layout for building, soak pit & septic tank
- b) Earth work excavation in foundation.
- c) Construction from foundation to plinth level in Brick/Block/Random Rubble/R.C.C. column structure.
- d) Construction of superstructure work in Brick/Block/Random Rubble/R.C.C. column structure.
- e) Centring and shuttering in R.C.C. i.e., plinth band, lintel, chajja, column/beam & roof.
- f) Reinforcement steel work in R.C.C. i.e., plinth band, lintel, chajja, column/beam & roof.
- g) Manual concrete mixing and casting in R.C.C. work i.e., plinth band, lintel, chajja, column/beam & roof.
- h) A. S. Flooring
- i) Door & window fixing.
- j) Plastering
- k) Installation of sanitary fittings and fixtures for toilets.

7. Budget

- The stipend amount @Rs 220/- will be paid to the mason directly by the concerned BDO, during the Mason training.
 - The agencies will be paid following amount towards conduct of Mason training
 - Cost of Mobilization of candidates shall be borne by the agency.
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1. Mason Training Budget per batch

<i>Sl No</i>	<i>Expenditure Heads</i>	<i>Details</i>	<i>Amount (in Rs.)</i>	<i>Amount Per Trainee (in Rs.)</i>
1	Head Mason for Mason training	@ Rs 350 per day x 40 days x 5 masons	70000.00	2333.33
2	Master Trainer-2 nos.	@ Rs 500 per day x 5 days x 2 nos	5000.00	166.67
3	Examination and Certification of candidates	Examination and Certification by NCVT/ SSC etc.	4500.00	150.00
4	Tool kit for trainee (Details at Annex-A)	Tool kit for each trainee@Rs 1800 per trainee	54000.00	1800.00
5	Food	Rs 60 per day x 45 days x 30 trainees+ Rs 60 per day x 5 days x 2 Trainers + Rs 60 per day x 40 days x 5 Masons	93600.00	3120.00
6	Contingency (Includes onsite tool kit at Annex-B, Mobilization Cost and infrastructure cost)		6000.00	200.00
	Total		233100.00	7,770
		Administrative Cost to be quoted by the Agency		

2.Head Mason Training per batch

<i>sl no</i>	<i>Expenditure Heads</i>	<i>Details</i>	<i>Amount in Rs.</i>	<i>Amount Per Trainee (in Rs.)</i>
1	Stipend for the Head Mason	@ Rs 350 per day x 7 days x 20 Head masons	49000.00	2450.00
2	Resource Person	@ Rs 500 per day x 7 days x 1 nos	3500.00	175.00
3	Food	Rs 60 per day x 20 trainees x 7 days+ Rs 60 per day x 7 days x 1 Trainers	8820.00	441.00
4	Contingency (Includes Mobilization cost and infrastructure cost)		1000.00	50.00
	Total		62320.00	3116.00
		Administrative Cost to be quoted by the Agency		

Note: Provision of stipend and food for Head Mason will be as per the attendance.

8. Schedule of Payment

Instalment	Percentage of total cost	Output Parameter
I	30%	On commencement of training
II	50%	Upon completion of all the aspects of training as mentioned in the ToR above for all houses taken up under training
III	20%	Upon successful certification of at least 50% trainees.

9. Agency to be selected on least cost selection method basis subject to maximum ceiling of Rs 30/- per trainee per hour, i.e., 8 hours per day.

10. Certificate to be issued to the successful trainee shall be the one recognized by NCVTI.

11. Tools for Mason Training:-

Annexure-A: Individual Tool Kits- To be Given away to each trainee after successful completion of training.

Sl. No	Items (Colloquial terms)	Items (English terms)
1	Big Karani	Large Trowel
2	Small Karani	Small Trowel
3	Right Angle/Mouttam	Tri Square Medium Size
4	Steel measurement	Measuring Tape
5	Suta (1 roll)	Line Dori
6	wooden osha	Wooden Float
7	Bada Gaja	Straight Edge 6 ft
8	Sana Gaja	Straight Edge 3 ft
9	Olam	Plumb Bob
10	Hammer/ Hatudi	
11	Chheni	Cold Chisel
12	Level pipe	Water Pipe
13	Karei	Mortar Pan
16	Kodal	Spade
17	Belcha	Shovel
18	Bag	

Annexure-B: Common Tool Kits for Onsite Training

Sl. No.	Item	Quantity
1	Water Drum	1
2	Mug	2
3	Bucket	2
4	Bar Bending hook	2
5	Bar Bending lever	2
6	Hacksaw Blade	10
7	Hacksaw Steel	2
8	Scaffolding with coconut rope	1
9	Crow Bar (sabal)	1
10	Broom	4

12. Timeline of the assignment:-

It should be started immediately after receiving the order from the BDO concerned.

13. A Pre-bid meeting will be conducted on **17/10/2016** in Odisha Secretariat at **11 am**

14. Timeline for submission of EOI:-

The last date for submitting the expression of Interest (EOI) in Annexure-C is **20/10/2016** before **5: 00 PM**. EOI with requisite documents should be signed and sealed in an envelope clearly superscripted as “**Expression of Interest for Conducting Mason Training under Rural Housing through Construction Skill Development Council of India/Skill Development initiative empanelled Firm**” and submitted through post or person to the following address:

Name & Address: Deputy Secretary-Rural Housing, Panchayati Raj Department, Odisha Secretariat, Bhubaneswar-751001.

Email ID: **dsrhpr@gmail.com**

Tel: **0674-2390776**

Fax: **0674-2391413**

ANNEXURE-C

EXPRESSION OF INTEREST FORM

1. Details of Organization

Name of the Organization	Address	Telephone Number	Contact Person's name	Mobile Number	Email Id

2. Administrative cost required for training of head mason

3. Administrative cost required for training of Mason training.

4. Name of the district/districts where the agency is willing to conduct training.

i.

ii.

iii.

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5. Whether affiliated to Skill India-Registration number

Yes/No

If Yes, enclose Documents

6. Number of manpower to be deployed for training

Enclose the Human Resource structure.

7. Experience of Mason Training. Give Details

8. Training infrastructure, if any, in the districts.

Certified that the above information is true to the best of my knowledge.

MANAGING DIRECTOR OR
AUTHORIZED SIGNATORY