



राष्ट्रीय लीची अनुसंधान केन्द्र
NATIONAL RESEARCH CENTRE ON LITCHI
(भारतीय कृषि अनुसंधान परिषद, कृषि मंत्रालय)



(Indian Council of Agricultural Research, Ministry of Agriculture)

मुशहरी प्रक्षेत्र, मुशहरी, मुजफ्फरपुर-842002 (बिहार) भारत

Mushahari Farm, Mushahari, Muzaffarpur - 842002 (Bihar) India

फोन Ph: 0621-2289475, 2281162

फैक्स Fax: 0621-2281162

File No.- 13-1(01)/P&S/2016-2017/Work Contact Group-I

Dated: 11 December, 2017

Corrigendum-02:2017-DARE-266499-1

Reference is drawn to this office tender enquiry No E-Tender ID: 2017_DARE_266499_1 (Providing work Contract Group I (Field & Farm) at ICAR NRC on Litchi, Muzaffarpur). It is to inform that **financial bid** uploaded has revised as per Appendix 'A' enclosed. Rest contents of the above said tender enquiry letter are unchanged. All interested bidder is required to fill their bid in the revised financial bid format only.

This is issued with the approval of Director, ICAR-NRCL Muzaffarpur.

ADMINISTRATIVE OFFICER



राष्ट्रीय लीची अनुसंधान केन्द्र
NATIONAL RESEARCH CENTRE ON LITCHI
 (भारतीय कृषि अनुसंधान परिषद, कृषि मंत्रालय)
 (Indian Council of Agricultural Research, Ministry of Agriculture)
 मुशहरीप्रक्षेत्र, मुशहरी, मुजफ्फरपुर-842002 (बिहार) भारत
Mushahari Farm, Mushahari, Muzaffarpur - 842002 (Bihar) India
 फोन Ph: 0621-2289475, 2281162 फेक्स Fax: 0621-2281162



File No.- 13-1(01)/P&S/2016-2017/Work Contact Group-I

Dated: 11 December, 2017

**REVISED FINANCIAL BID FOR WORK CONTRACT-GROUP-I [FIELD AND FARM]
 AT ICAR-NATIONAL RESEARCH CENTRE ON LITCHI. MUZAFFARPUR**

To,
 The Director
 ICAR-NRC on Litchi Muzaffarpur –
 842005 (Bihar)

Dear Sir,

I/We In accordance with the terms and conditions mentioned in Tender documents F.NO...../....., DT..... hereby make an offer Annual Contract basis for Work Contract Group-I at NRC on Litchi, Muzaffarpur for **Field & Farm Work** as per specification given by you, along with tender forms and agree to hold this offer open for your acceptance for 90 days from the date of opening of this Tender and also agree to undertake the supply of services as per the terms and conditions mentioned in the tender documents

THE RATES PER UNIT MAY BE GIVEN AGAINST EACH ITEM AS PRESENTED IN FOLLOWING TABLE. (Group-II) AS PER MINISTRY OF LABOUR AND EMPLOYMENT ORDER F. NO.- 1/13(1)/2017-LS.II, DATED: 20/04/2017

Required Category for different seasonal nature of Farm, field and laboratory work in Litchi through outsourcing

SL. NO.	Description of work	Unit of work	Category Requirement	Annual Tentative Work requirement	Quoted Rates (In figures and words)
A.	FRUIT CULTIVATION				
1.	Basin hoeing, cleaning, application of manure/fertilizer and mixing in the 25 cm trench, basin preparation with bund height of 25 cm.				
	(a) Radius 4.0 m	Per plant	Unskilled	864 Plants	

	(b)Radius 3.0 m	Per plant	Unskilled	400 Plants	
	(c)Radius 2.0 m	Per plant	Unskilled	900 Plants	
	(d) Radius 1.0m	Per plant	Unskilled	350 Plants	
	(e) Radius 0.5 m	Per Plant	Unskilled	800 Plants	
2.	Weeding & hoeing in fruit tree plant basin				
	(a) Radius 4.0 M	Per plant	Unskilled	864 Plants	
	(b)Radius 3.0 m	Per plant	Unskilled	400 Plants	
	(c)Radius 2.0 m	Per plant	Unskilled	900 Plants	
	(d)Radius 1.0 m	Per Plant	Unskilled	350 Plants	
	(e) Radius 0.5 m	Per Plant	Unskilled	800 Plants	
3.	Fertilizer application and mixing in soil		-	-	
	(a) Radius 4.0 M	Per plant	Unskilled	864 Plants	
	(b)Radius 3.0 m	Per plant	Unskilled	400 Plants	
	(c)Radius 2.0 m	Per plant	Unskilled	900 Plants	
	(d)Radius 1.0 m	Per Plant	Unskilled	350 Plants	
	(e) Radius 0.5m	Per Plant	Unskilled	800 Plants	
4.	Pit digging				
	1. 30 x 30x 30 cm ³	Per pit	Unskilled	200 Pits	
	2. 50 x 50 x 50 cm ³ size	Per pit	Unskilled	250 Pits	
	3. 0.9 x0.9 X 0.9 m ³ size	Per pit	Unskilled	200 Pits	
5.	Pit filling with FYM, Fertilizer, etc. mixture				
	1. 30 x 30x30 cm ³	Per pit	Unskilled	200 Pits	
	2. 50 x 50 x 50 cm ³ size	Per pit	Unskilled	250 Pits	
	3. 0.9 x0.9 X 0.9 m ³ size		Unskilled	200 Pits	
6.	Preparation and spraying of Pesticide/ solution in				

	fruits/annual crops.				
	A. Manual Sprayer				
	a. (2-4year)	Per plant	Semi-Skilled	1000 Plants- 2 Sprays	
	b. (5-10 year)	Per plant	Semi-Skilled	1000 Plants- 2 Sprays	
	B. Power sprayer		Semi-Skilled		
	a. (2-4year)	Per 100 plant	Semi-Skilled	1000 Plants- 2 Sprays	
	b. (5-10 year)	Per 100 plant	Semi-Skilled	1300 Plants- 3 Sprays	
	c. > 10 years	Per 100 plant	Semi-Skilled	864 Plants- 4 Sprays	
	D. Vegetable crops (battery operated)	Per 100 m ²	Semi-Skilled	100 Units	
	E. Field/Seasonal crops etc.	Per ha.	Unskilled	5 ha	
7	Trench digging- 30cm x 30 cm	Per 100 m length	Unskilled	5 Units	
8	Making irrigation channel (0.3m bottom depth, 0.6m top width)	Per 100 m length	Unskilled	150 Units	
	Planting of Vegetables as intercrop or sole crop.				
9	1. Planting of Tuber crops (Turmeric, colocassia, <i>Amorphophallus</i> etc.) as intercrop or sole crop.	Per 100 m ²	Unskilled	20 Units	
	2. Planting of Flowering plant intercrop or sole crop.	Per 100 m ²	Unskilled	20 Units	
	3. Sowing of field crop as intercrop or sole crop.	Per ha	Unskilled	5 ha	
10	Harvesting of Intercrops/ field crops				
	1. Digging (Turmeric, colocassia, <i>Amorphophallus</i> , etc.) as intercrop or sole crop and other tuber crops.	Per 100 m ²	Unskilled	200 Units	
	2. Vegetables/ flowers as intercrop or sole crop	Per 100 m ²	Unskilled	20 Units	

	3. Field crop as intercrop or sole crop.	Per ha	Unskilled	5 ha	
11	Fertilizer application in vegetable crops (as A8)	Per 100 m ²	Unskilled	200 Units	
12	Top dressing of fertilizer in field crops/ intercrops	Per ha	Unskilled	5 ha	
13	Inter culture in field /seasonal vegetable crops				
	Field crops (pulses and oil seed)	Per ha	Unskilled	2 ha	
	Maize, potato and turmeric	Per 100m ²	Unskilled	10 Units	
	Seasonal vegetable crops	Per 100m ²	Unskilled	20 Units	
14	Mulching				
	(i) Radius 1.5 -2.5 m with grasses/ plastic	Per 10 tree	Unskilled	50 Units	
	(ii) Radius 2.5 -4 m with grasses/ plastic	Per 10 tree	Unskilled	20 Units	
15	Tree trunk/ limbs painting with Bordeaux/ fungicides including preperation				
	1. Up to 1.0 m height	Per tree	Unskilled	200 Plants	
	2. 1-1.5 m height	Per tree	Unskilled	1500 Plants	
16	Harvesting and transporting of litchi fruits	Per tree			
	1. 5-8 year old tree	Per tree	Unskilled	25 Plants(Research Purpose)	
	2. 9-12 year old tree	Per tree	Unskilled	25 Plants(Research Purpose)	
	3. > 12 years old tree	Per tree	Unskilled	50 Plants(Research Purpose)	
17	Pruning and training of litchi plants				
	1. 3-5 years old	Per tree	Semi-Skilled	500 Plants	
	2. 5-10 years old	Per tree	Semi-Skilled	400 Plants	

	3. >10 years old	Per tree	Semi-Skilled	900 Plants	
18	Irrigation				
	1. Basin irrigation of litchi plants	Per ha	Unskilled	20 ha – 3 times	
	2. Irrigation of intercrops.	Per ha	Unskilled	6 ha – 1time	
19	Preparation of seed bed (1 meter width raised 4 to 6 inches)	Per 10 m ²	Unskilled	20 Units	
20	Preparation of Potting mixture and filling in different size polybags:				
	(i) Polybags 25 x13 x10 cm ³ size	Per 100bags	Unskilled	100 Units	
	(ii) Polybags 22x10x8 cm ³ size	Per 100bags	Unskilled	100 Units	
	(iii) Polybags 15X 7.5 X4 cm ³ size	Per 100bags	Unskilled	50 Units	
	iv) Pot size 8-10”	Per 100 pots	Unskilled	5 Units	
	v) Pot size 12” and more	Per 100 pots	Unskilled	5 Units	
21	Seed sowing in trays 50 holes with filling of mixtures	Per tray	Unskilled	100 trays	
22	Air layering of litchi/longan	Per 100	Semi-skilled	100 Units	
23	Shifting of litchi/longan saplings in nursery within 100 meter distance	Per 100 plant	Unskilled	100 Units	
24	Weeding and hoeing in ploybags/ pots	Per 100	Unskilled	20 Units – 3 times	
25	Maintenance of Poly House (Mist Houses saplings), Net Houses etc.	Per hrs.	Unskilled	388 hours	
26	Maintenance of lawn at office premises, farm and terminal round circle	Per 100 m ²	Unskilled	300 Units	
27	Maintenance of central road (trimming of hedges, grasses and weeds in both side)	Per 100 m length	Unskilled	25 units	

28	Maintenance of side roads (cutting of grasses and weeds in both side)	Per 100 m length	Unskilled	25 units	
29	Maintenance of Avenue plantation (1 m width) in Office and Farm premises	Per 100 plants	Unskilled	5 units	
30	Digging of soil/FYM and loading in trolley and unloading in farm premises.	Per trolley.	Unskilled	10 Trolleys	
31	Road cleaning (5-6 m wide) including trenches/Grass cleaning /cutting in open area	Per100m	Unskilled	100 Units-2 times	
32	Cutting of grasses/weeds in open area	Per100m ²	Unskilled	200 Units	
33.	Bund making (50 X 50 cm)	Per 100 m	Unskilled	25 Units	
34.	Bund repairing	Per 100 m	Unskilled	25 Units	
35.	Trench digging 25X50 cm	Per meter	Unskilled	200 m	
36.	Rubbing ,cleaning and white washing/painting earthen pots	Per 100 pot	Unskilled	5 units	
37.	Dressing of Kachha road/Path 1-4 m wide	Per 100m	Unskilled	50 units	
38.	Preparation seasonal flower beds and sowing/transplanting	Per 100 m ²	Unskilled	10 units	
39.	Filling and sieving of Vermi compost, Nadep, Vermi wash structureetc as and when needed.	Per hours	Unskilled	2300 hours	
40.	Laying or rolling of lateral pipes of drip irrigation (each 50 m length)	Per ha	Unskilled	4 ha	
41	Grass cleaning in pond embankment, raised bed in IFS.	Per 10 m ²	Unskilled	50 units	

42.	Repairing of pond embankment/raised bed in IFS	Per 10 m ²	Unskilled	50 Units	
43.	Cleaning of farm boundary side/residential area	Per 100m	Unskilled	100 Units	
44	Maintenance of round circle for 1 month	1 unit	Unskilled	1 Unit	
45	Miscellaneous works as and when required	Per hour	Unskilled	4000 hours	
46	Supervision and running/ maintenance of Drip/ Sprinkler /pipeline, etc.	Per hour	Semi-Skilled	2300 hours	
47	Operating tractor mounted power sprayer/ Brush Cutter/ Lawn mower, etc	Per hour	Skilled	3000 hours	
48	Grafting/ budding	Per100 plant	Semi-Skilled	5 Units	
49	Pump/diesel pump set operator. .	Per hour	Semi-Skilled	2400 hours	
50	Driving tractor /power tiller, etc	Per hour	Skilled	3000 hours	
51	Recording data/report compilation of experiment with professional knowledge (graduate in Science/Agriculture)	Per hour	Highly Skilled	5000 hours	
Service Charge					
Service Tax/GST					

Note: The comparison will be made on the basis of work carried out in the previous months by the centre or tentative work expected in the coming months. The grand total obtained after such calculation will be compared.

- The Director, ICAR-NRC on Litchi, Muzaffarpur reserves right to order the work activities in full or partial.
- In case of discrepancy between figures and words of quoted rates. The lower rates will be considered.
- The quantity of monthly work order may vary (increase or decrease) as per actual requirement.
- The Service Charge cannot be zero or NIL and it should be more than zero.
- The work mentioned is tentative and may vary month to month as per actual requirement.
- The number of activities undertaken in a month may vary as per actual requirement.
- Some of the activities will be required for the maximum part of the year whereas some activities will be required only occasionally as per actual requirement.

SIGNATURE OF THE CONTRACTOR WITH SEAL