

# **CORRIGENDUM: 06**

**Date 15.07.2024**

Revision in Schedule of Quantities & Price Schedule

All prospective Bidders are hereby informed that the Alamadhi SS NDDB DS has amend  
BOQ & Prices schedule for the following bid

<b>Tender Name</b>	<b>Bid Ref No</b>	<b>Document Details</b>
Irrigation work at CCBF Andeshnagar	NDS/ALM/CCBFAN/IRRIGATION/24- 25/JULY/01	Attached herewith

# **TECHNICAL SPECIFICATION**

**Supply & installation of complete  
drip irrigation system with Misc  
equipment**

## INTRODUCTION

The technical specification provided in this document is for the guidance only. However, the successful bidder will be responsible for the flawless design and Plan layout of the work as per the techno-functional requirement of the complete system to the highest satisfaction of the Purchaser.

## SCOPE OF WORKS

**TO DEVELOPED THE IRRIGATION SYSTEM** as per the technical specification and schedule of quantities mentioned in this work package.

The work shall be carried out with the best workmanship manner, strictly in conformity with the specifications mentioned here under.

The service provider shall ensure performance tests be carried out in the presence of and to the satisfaction of purchaser. Necessary equipment/ tools required for performance test shall be arranged at site by the supplier. Supplier shall ensure satisfactory performance and after sales service of bought-out items.

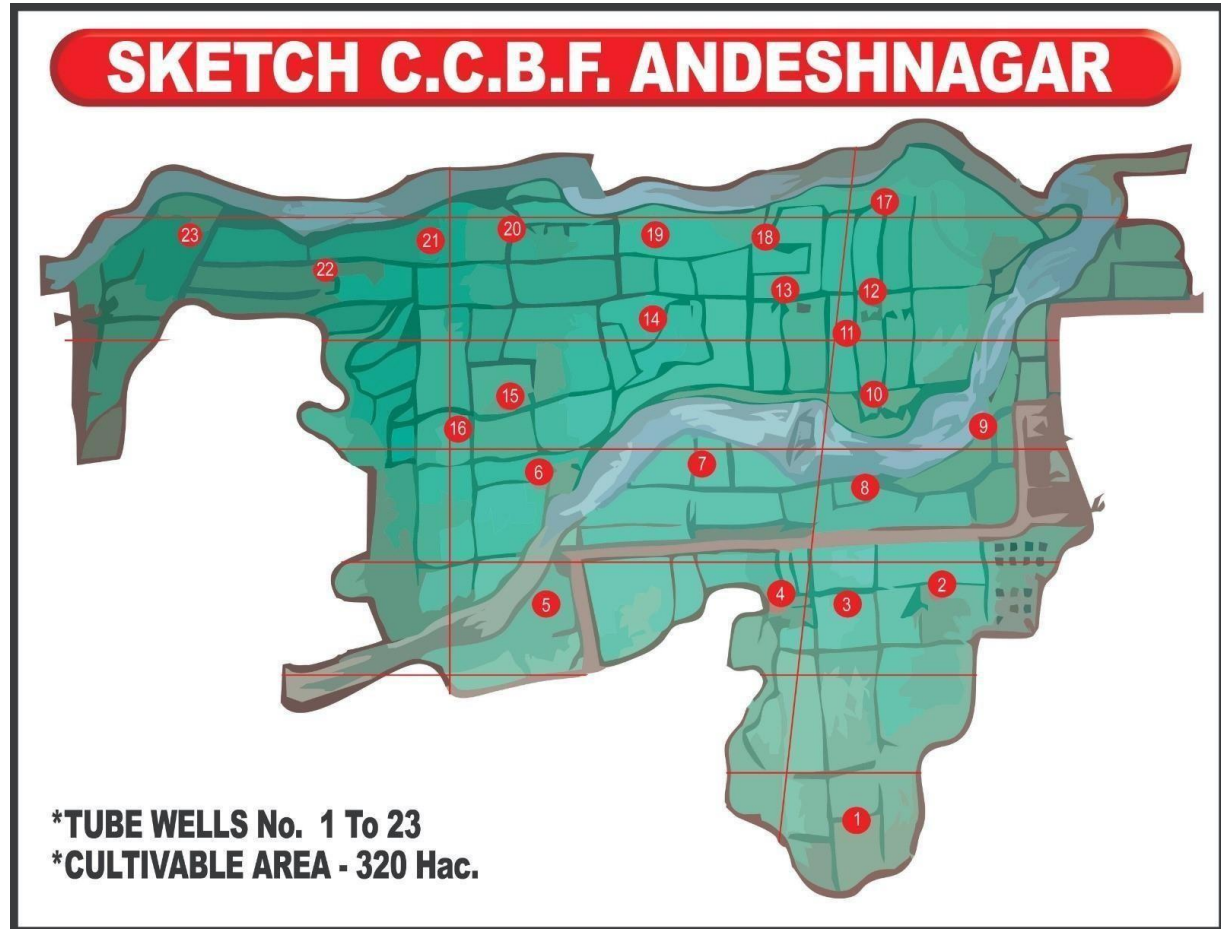
The Contractor shall arrange the Labour of unloading & shifting of the equipment to respective location.

Detail specification are as follows.

### A. FUNCTIONAL REQUIREMENT:

S. No	Work Required	Qty.
1	Supply & installation of complete drip irrigation system with Misc equipment	320 Hectare Land (Map attached)

**B. MAP of Farm**



SLNO	ITEM	QTY	UNIT
1	P & F By-Pass With Header Having Arrangement For Fixing Prv/Nrv/Arv/Butterfly And Riser Pipe From Tube well To Below Ground Level (0.75Mtr)	20	NOS
2	P & F Non Return Valve 4" As Per relevant IS	20	NOS
3	P & F Of Double Action Air Release Valve 2" Made Of Heavy Duty Plastic Material. The Air Release Valve Shall Be Capable Of Both Air Releasing And Admitting Air From And Into The Line During System Operation, As Per relevant IS	20	NOS
4	P & F Of Pressure Release Valve Size 2" Along With By Pass Arrangement, Cover And Necessary Fittings. It Shall Be Adjustable Pressure Setting 20 Psi To 60 Psi For Maximum Performance. It's Made Of High Strength Aluminium Body .As Per relevant IS	20	NOS
5	P & F Of 4" Butter Fly Valve For Isolation. It Shall Be With Integral Synthetic Rubber Ring. It Shall Be Lever Operated Quarter Turn And Offer Bi-Direction Smooth Operation And Cast Iron Body With 16 Bar Pressure. As Per ISI	40	NOS
6	P & F Pvc Pipe 110Mm 6Kg 6Mtr Along With Fittings (such as PVC Tee, Elbow , Coupler,etc.) as per IS 4895	28000	MTR
7	Hydrant Point 360Deg. With Arrangement To Connect Sprinkler GI Pipe (From PVC to ground level )of 4"	200	NOS
8	QC Metal Clamp Sprinkler Pipe 110MM 2.5Kg Duly Coupled In 6Mtr as per IS 17425	2800	NOS
9	QC Metal Clamp Sprinkler Tee 110MM	200	NOS
10	QC Sprinkler End Cap 110MM	400	NOS
11	Trenching And Backfilling Of Soil (Upto .75 Mtr)	22800	MTR
12	S & F of Reflector with 1" GI pipe of height 6 ft for each hydrant to protect from accident	300	NOS
13	Providing of HDPE of 4" coupler of riser pipe for size 3/4" (inner thread) for surface irrigation system	100	Nos
14	Providing & fixing of GI raiser pipe of 1 mtr long 3/4" complete fitting with brass nozzle sprinkler system	100	Nos

End of Document

**ALM**

**TECHNICAL SPECIFICATION**

**BIDDER**

## IRRIGATION SYSTEM

SLNO	ITEM	QTY	UNIT	RATE	AMOUNT
1	P & F By-Pass With Header Having Arrangement For Fixing Prv/Nrv/Arv/Butterfly And Riser Pipe From Tube well To Below Ground Level (0.75Mtr)	20	NOS		
2	P & F Non Return Valve 4" As Per relevant IS	20	NOS		
3	P & F Of Double Action Air Release Valve 2" Made Of Heavy Duty Plastic Material. The Air Release Valve Shall Be Capable Of Both Air Releasing And Admitting Air From And Into The Line During System Operation, As Per relevant IS	20	NOS		
4	P & F Of Pressure Release Valve Size 2" Along With By Pass Arrangement, Cover And Necessary Fittings. It Shall Be Adjustable Pressure Setting 20 Psi To 60 Psi For Maximum Performance. It's Made Of High Strength Aluminium Body .As Per relevant IS	20	NOS		
5	P & F Of 4" Butter Fly Valve For Isolation. It Shall Be With Integral Synthetic Rubber Ring. It Shall Be Lever Operated Quarter Turn And Offer Bi-Direction Smooth Operation And Cast Iron Body With 16 Bar Pressure. As Per ISI	40	NOS		
6	P & F Pvc Pipe 110Mm 6Kg 6Mtr Along With Fittings (such as PVC Tee, Elbow , Coupler,etc.) as per IS 4895	22800	MTR		
7	Hydrant Point 360Deg. With Arrangement To Connect Sprinkler GI Pipe (From PVC to ground level )of 4"	200	NOS		
8	QC Metal Clamp Sprinkler Pipe 110MM 2.5Kg Duly Coupled In 6Mtr as per IS 17425	2800	NOS		
9	QC Metal Clamp Sprinkler Tee 110MM	200	NOS		
10	QC Sprinkler End Cap 110MM	400	NOS		
11	Trenching And Backfilling Of Soil (Upto .75 Mtr)	22800	MTR		
12	S & F of Reflector with 1" GI pipe of height 6 ft for each hydrant to protect from accident	300	NOS		
13	Providing of HDPE of 4" coupler of riser pipe for size 3/4" (inner thread) for surface irrigation system	100	Nos		
14	Providing & fixing of GI raiser pipe of 1 mtr long 3/4" complete fitting with brass nozzle sprinkler system	100	Nos		

**ALAMADHI SEMEN STATION, ALAMDHI**

**SECTION-VI SCHEDULE OF QUANTITIES  
BIDDER**



