



MSV International, Inc.

(ISO 9001 : 2015 Certified Company)

Site Office : G2/195 Gulmohar Colony Bhopal
(M.P) -462039

Caqm Off. Madhav Nager rai colony Katni
Mp

E-mail: info@msvgroup.com

Tel.: +91 9929383076

CIN: F04214

Ref: No.: MSV/KTE/2023-24/ 795

Date: 20.12.2024..

To,

Assistant Engineer (SDO),
Public Health Engineering Department
Sub.Div.-V.Garh Distric Katni (MP)

Ref. Our.Agreement No – 20/2022-23, Work Order No - 2088 DATE 21.07.2022

Sub:- T.P.I.A. inspection Report for HDPE Pipe laying & jointing provide
house hold connection work in progress.


Respected Sir,

Referance To Above Subject, Submitting Here With The
Thirdparty Inspection Agency Report For Construction Of OHT 12mtr
Staging And Installation Of Submersible Moter Pump & Laying & Jointing
Of HDPE Pipe & Provide House Hold Tap Connection etc. At Village On
SVS PWSS **Jhanpi,Lamkana,Mehganwa,Luharwara,Chaparwah** Block-
Badwara Distt- Katni (MP) dated.20.12.2024..

Thanking you in anticipation.

Encl: - With Geotech photographs

o/c


You're faithfully

SANDEEP KUMAR MISHRA
(Team Leader)

Team Leader
MSV INTERNATIONAL INC.

TPIA DETAILED REPORT FOR KANTI BLOCK BADWARA

Mr. Sandeep Kumar Mishra Team Leader Katni (MSV International, INC) conducted site inspection visit as part of TPIA Works of Contract Agreement No **13/DL/2023-24** Work order No.2931 date **18/07/202** village, **Jhanpi, Lamkana, Mehganwa, Luharwara, Chhaparwah** Block- **Badwara** Distt- **Katni**. **7th RA** Bill against Running Bill at PHE Dept. on. **20.12.2024**...

Mr. Dinesh Kumar Inwati Assistant Engineer of PHE Department **Mr. Dinesh Kumar Inwati Sub Engineer of PHE, Department Contractor of M/S Subh Construction And Suppliers 669 Near Sanyasi Bawa Temple Gouttam Bandhwa Rajiv Gandhi Ward Rubber Factory Road Katni Dist.-Katni**

Report Summary:-

Construction of 50 K.L. R.C.C OHT 12 mtr staging Luharwara	Construction of 50 K.L. R.C.C OHT 12 mtr staging Lamkana
Prevbious paid 6th RA	Prevbious paid 6th RA
After gl protection and gate work com	Supplying of all pipe Special and fixing
After Testing work	Construction of 50 K.L. R.C.C OHT 12 mtr staging Jhanpi
	Prevbious paid 6th RA
Construction of 50 K.L. R.C.C OHT 12 mtr staging Muhgwan	Supplying of all pipe Special and fixing
Prevbious paid 6th RA	Construction of 20 K.L. R.C.C SUMPWELL Village MUhgwan
After gl protection and gate work com	Prevbious paid 4th RA
After Testing work	Construction of 50 K.L. R.C.C OHT 12 mtr staging Chhaparwah
Construction of 50 K.L. R.C.C OHT 12 mtr staging Lamkana	After casting of levelling course
Prevbious paid 6th RA	After foundation including column to
Supplying of all pipe Special and fixing	After casting 50% RCC Staging
	After casting Full Staging

Labour for laying jointing & field testing of high density poly ethelenc pipe etc com (30% cost)

Village Luharwara mb no 1026

Village Mehghan mb no. 1027

Village Jhanpi mb no. 1038

Vill-chhaparwah mb no. 1029 p-8

a) 63 mm ØHDPE Pipe 6 Kg/cmsq

Village Luharwara mb no 1026

Village Mehghan mb no. 1027

Prevbious paid 6th RA

Village Lamkana mb1038 p-74-84

Prevbious paid 6th RA

Vill Jhanpi mb no. 1038 p-74-84

Vill-chhaparwah mb no.1029 p-4,8

a) 75 mm ØHDPE Pipe 6 Kg/cmsq

prevlous paid 6th ra

Village Lamkana mb1038 p-74-84

Village Jhanpi mb no. 1038

Vill. Luharwara mb 1026 p-29

previous paid 6th ra

Vill-chhaparwah mb no. 1029 p-16-17

Village Mehghan mb 1027 p 43,46

a) 90 mm ØHDPE Pipe 6 Kg/cmsq

Village Lamkana mb no. 1038

Vill. Luharwara mb 1026 p-29

Village Mehghan mb 1027 p 43

Vill-chhaparwah mb no. 1029 p-16-17

Village Jhanpi mb no. 1038 p-74-84

a) 110 mm ØHDPE Pipe 6 Kg/cmsq

Village Lamkana mb no. 1038

Village Jhanpi mb no. 1038

Vill. Luharwara mb 1026 p-29

previous paid 6th ra

Vill-chhaparwah mb no. 1029 p-16-17

Village Mehghan mb 1027 p 43

a) 110 mm ØHDPE Pipe 10 Kg/cmsq

Demolishing c.c. work manually by mechanical means including disposal of

Village MEHGANWA mb no 1027

previous paid 6th ra

Village Lamkana mb1038 p-74-84

Village Jhanpi mb no. 1038

Vill. Luharwara mb 1026 p-27

Vill-chhaparwah mb no. 1029 p-2,6

Earthwork In Excavtion by mechanical means (Hydrollic Excavator) manual means over area (exceeding 30 cm In

Village Luharwara mb no 1026

Village Mehghan mb no. 1027

previous paid 6th ra

Village Lamkana mb1038 p-74-84

previous paid 6th ra

Village Jhanpi mb no. 1038 p-74-84

previous paid 6th ra

Vill-chhaparwah mb no. 1029 p-16-17

Earthwork in Excavation by mechanical means (Hydraulic Excavator) manual means over area (exceeding 30 cm in depth 1.5 m width as well as 105 qm on plan) including disposal of excavated earth	previous paid 6th ra
Village Luharwara mb no 1026	Village Lamkana mb1038 p-74-84
Village Mehgwan mb no. 1027	Village Jhanpi mb no. 1038
previous paid 6th ra	Vill. Luharwara curr. mb 1026 p-29
Village Lamkana mb1038 p-74-84	previous paid 6th ra
previous paid 6th ra	Vill-chhaparwah mb no. 1029 p-16-17
Village Jhanpi mb no. 1038 p-74-84	Vill. Mehgwan curr. mb 1027 p 43,47
previous paid 6th ra	90 mm Ø HDPE Pipe
Vill-chhaparwah mb no. 1029 p-16-17	Village Lamkana mb no. 1038
Filling with moorum for pipe bedding or over the pipe including supply of moorum.	previous paid 6th ra
Village Luharwara mb no 1026	Village Jhanpi mb no. 1038 p-74-84
Village Mehgwan mb no. 1027	Vill. Luharwara curr. mb 1026 p-29
previous paid 6th ra	previous paid 6th ra
Village Lamkana mb1038 p-74-84	Vill-chhaparwah mb no. 1029 p-16-17
previous paid 6th ra	Vill. Mehgwan curr. mb 1027 p 43
Village Jhanpi mb no. 1038 p-74-84	110 mm Ø HDPE Pipe
previous paid 6th ra	Providing and laying of Bend 90° conforming to IS specification
Vill-chhaparwah mb no. 1029 p-16-17	Village Luharwara mb no 1026
Filling with moorum for pipe bedding or over the pipe including supply of moorum.	Village Mehgwan mb no. 1027
Village Luharwara mb no 1026	Village Jhanpi mb no. 1038
Village Mehgwan mb no. 1027	Vill-chhaparwah mb no. 1029 p-8
previous paid 6th ra	63 mm Ø HDPE Bend
Village Lamkana mb1038 p-74-84	Village Mehgwan mb no. 1027
previous paid 6th ra	previous paid 6th ra
Village Jhanpi mb no. 1038 p-74-84	Village Lamkana mb1038 p-74-84
previous paid 6th ra	previous paid 6th ra
Vill-chhaparwah mb no. 1029 p-16-17	Village Jhanpi mb no. 1038 p-74-84
Providing butt fusion welded joint / jointing by heating to the ends with the help of teflon coated electric mirror / heater ends together etc by thermo setting process to HDPE pipe and specials.	Vill-chhaparwah mb no. 1029 p-5,8
Village Luharwara mb no 1026	75 mm Ø HDPE Bend
Village Mehgwan mb no. 1027	previous paid 6th ra
Village Jhanpi mb no. 1038	Village Lamkana mb1038 p-74-84
Vill-chhaparwah mb no. 1029 p-8	Village Jhanpi mb no. 1038
Vill. Mehgwan curr. mb 1027 p 47	Vill. Luharwara curr. mb 1026 p-29
63 mm Ø HDPE Pipe	Vill-chhaparwah mb no. 1029 p-5
Village Luharwara mb no 1026	Vill. Mehgwan curr. mb 1027 p 44,47
Village Mehgwan mb no. 1027	90 mm Ø HDPE Bend
previous paid 6th ra	Village Lamkana mb no. 1038
Village Lamkana mb1038 p-74-84	previous paid 6th ra
previous paid 6th ra	Village Jhanpi mb no. 1038 p-74-84
Village Jhanpi mb no. 1038 p-74-84	Vill. Luharwara curr. mb 1026 p-29
Vill-chhaparwah mb no. 1029 p-8	Vill. Mehgwan curr. mb 1027 p 43
75 mm Ø HDPE Pipe	Vill-chhaparwah mb no. 1029 p-16-17
	110mm Ø HDPE Bend

Providing and laying of Reducer confirming to IS specification
Village Luharwara mb no 1026
Village Mehgwan mb no. 1027
Village Jhanpi mb no. 1038
Vill-chhaparwah mb no. 1029 p-5
75 mm Ø HDPE Reducer
previous paid 6th ra
Village Lamkana mb1038 p-74-84
Village Jhanpi mb no. 1038
Vill-chhaparwah mb no. 1029 p-5
Vill. Mehgwan curr.mb 1027 p 43,47
90 mm Ø HDPE Reducer
Village Lamkana mb no. 1038
previous paid 6th ra
Village Jhanpi mb no. 1038 p-74-84
Vill. Luharwara curr. mb 1026 p-29
previous paid 6th ra
Vill-chhaparwah mb no. 1029 p-16-17
Vill. Mehgwan curr.mb 1027 p 43
110 mm Ø HDPE Reducer
Providing and laying of Equal Tee confirming to IS specification
Village Luharwara mb no 1026
Village Mehgwan mb no. 1027
Village Jhanpi mb no. 1038
Vill-chhaparwah mb no. 1029 p-8
63 mm Ø HDPE Equal Tee
Village Luharwara mb no 1026
Village Mehgwan mb no. 1027
previous paid 6th ra
Village Lamkana mb1038 p-74-84
previous paid 6th ra
Village Jhanpi mb no. 1038 p-74-84
Vill-chhaparwah mb no. 1029 p-5,8
75 mm Ø HDPE Equal Tee
Village Lamkana mb no. 1038
Village Jhanpi mb no. 1038
Vill. Luharwara curr. mb 1026 p-29
Vill-chhaparwah mb no. 1029 p-5
Vill. Mehgwan curr.mb 1027 p 43
90 mm Ø HDPE Equal Tee
Village Lamkana mb no. 1038
Village Jhanpi mb no. 1038
Vill. Luharwara curr. mb 1026 p-29
Vill. Mehgwan curr.mb 1027 p 43
Vill-chhaparwah mb no. 1029 p-16-17
110 mm Ø HDPE Equal Tee

Providing and laying of End Cap confirming to IS specification
Village Luharwara mb no 1026
Village Mehgwan mb no. 1027
Village Jhanpi mb no. 1038
Vill-chhaparwah mb no. 1029 p-9
63 mm Ø HDPE End Cape
Village Luharwara mb no 1026
Village Mehgwan mb no. 1027
previous paid 6th ra
Village Lamkana mb1038 p-74-84
previous paid 6th ra
Village Jhanpi mb no. 1038 p-74-84
Vill-chhaparwah mb no. 1029 p-5,9
75 mm Ø HDPE End Cape
previous paid 6th ra
Village Lamkana mb1038 p-74-84
Vill. Luharwara curr. mb 1026 p-30
previous paid 6th ra
Vill-chhaparwah mb no. 1029 p-16-17
Vill. Mehgwan curr.mb 1027 p 44
90 mm Ø HDPE End Cape

Providing & making Consumer service Connection (Functional House hold tap connection) with the help of electro fusion machine including all labour & material such as electro fusion saddle

Village Luharwara mb no 1026 90%

previous paid 90

Village Mehgwan mb no. 1027 90%

previous paid

Village Lamkana mb no. 1038

Village Jhanpi mb no. 1038

Vill-chhaparwah mb no. 1029 p-9

For connection with 20mm dia MDPE pipe upto 10 mtr & concrete road crossing is necessary 70%

Village Luharwara mb no 1026 90%

previous paid 90

Village Mehgwan mb no. 1027 90%

previous paid

Village Lamkana mb no. 1038

Village Jhanpi mb no. 1038

Vill-chhaparwah mb no. 1029 p-9

For connection with 20mm dia MDPE pipe upto 5 mtr & concrete road crossing is not required 70%

Filling available excavated earth in trenches laid upto 50 m & lift upto 1.5 m in all kind of soil excluding watering & ramming

Village Luharwara mb no 1026

Village Mehgwan mb no. 1027

previous paid 90%

Village Lamkana mb no 1038 p-74-34

previous paid 90%

Village Jhanpi mb no 1038 p-74-34

previous paid 90%

Vill-chhaparwah mb no. 1029 p-29-29

Provision for LG Line 3 Phase 3 core on PCV pole support using aerial branched MDPE cable and installation with transformer as per MPPCAV sanctioned estimate 56

Village Lamkana mb no 1038

Village Mehgwan mb no 1027

Vill. Luharwara mb no 1026

Vill. Luharwara mb no 1026

Vill-chhaparwah mb no 1029

Village Jhanpi mb no 1038

Supplying & installation of required capacity of three phase 50 Hz 440 V diesel submersible pump steel body as per S approved make suitable for 150mm dia well with control panel start etc etc.

Village Luharwara mb no 1026 p-29-27

Village Mehgwan mb no 1027 p-29-25

Village Lamkana mb no 1038 p-29-29

Vill-chhaparwah mb no 1029 p-29-25

Village Jhanpi mb no 1038 p-74-34

2.2 KW to 7.5 KW Submersible Pump

Providing fixing and installing all necessary peripherals such as panel board flexible submersible cables pressure gauges earthing etc complete 80% of item no. 23;

Village Luharwara mb no 1026 p-29-27

Village Mehgwan mb no 1027 p-29-25

Village Lamkana mb no 1038 p-29-29

Vill-chhaparwah mb no 1029 p-29-25

Village Jhanpi mb no 1038 p-74-34

2.2 KW to 7.5 KW Submersible Pump

Providing laying and jointing of following galvanised iron MS pipe with specials (such as bend elbow tees etc) class	Providing and laying in position of following cast iron flange spigot (Tall peace)
Villag Luharwara mb no 1026 p-33-37	Villag Luharwara mb no 1026 p-33-37
Village Mehgwan mb no. 1027p-52-55	Village Mehgwan mb no. 1027p-52-55
Village Lamkana mb no. 1038p-52-73	Vill-Lamkana mb no. 1038 p-74-84
Vill-chhaparwah mb no. 1029 p-14-15	Vill-Jhanpi mb no. 1038 p-74-84
Village Jhanpi mb no. 1038 p-74-84	80MM dia C.I.Flange spigot
GI Pipe 50 mm dia	Villag Luharwara mb no 1026 p-33-37
Labour Only for lowering of three phase submersible pumping set in the tubewell with pipe line assembly electrical cable testing etc including connecting the electrical cable pump and starter.	Village Mehgwan mb no. 1027p-52-55
Villag Luharwara mb no 1026 p-33-37	Vill-Lamkana mb no. 1038 p-74-84
Village Mehgwan mb no. 1027p-52-55	Vill-Jhanpi mb no. 1038 p-74-84
Village Lamkana mb no. 1038p-52-73	100MM dia C.I.Flange spigot
Vill-chhaparwah mb no. 1029 p-14-15	Providing and jointing of T.W. to Rising main with jointing of materials
Village Jhanpi mb no. 1038 p-74-84	Village Mehgwan mb no. 1027p-54
2.2 KW to 7.5 KW Submersible Pump	Villag Luharwara mb no 1026 p-40
Providing & fixing of cast iron double flanged single door reflex (non return valve) including material such as bolt nuts and rubber insertion all com.	Vill-Lamkana mb no. 1038 p-74-84
Villag Luharwara mb no 1026 p-33-37	Providing and jointing of Rising main to Sump & OHT to distribution pipe line system
Village Mehgwan mb no. 1027p-52-55	Village Mehgwan mb no. 1027p-54
Village Lamkana mb no. 1038p-52-73	Villag Luharwara mb no 1026 p-40
Vill-chhaparwah mb no. 1029 p-14-15	Vill-Lamkana mb no. 1038 p-74-84
Village Jhanpi mb no. 1038 p-74-84	Providing & laying mechanically mixed cement concrete 20 mm nominal size graded crushed stone excluding cost of centering & shuttering in plinth & Previous paid 6th RA
50 mm Ø CI Non Return Valve	Villag Luharwara MB.NO. 1026 p-38
Providing & fixing of following cast iron double flanged sluice valve as per IS 14846 2000 fitted with cast	Village Mehgwan mb no. 1027p-57
Villag Luharwara mb no 1026 p-33-37	Construction of brick masonry valve chamber with 10 cm thick well M-10 P.C.C i/c 20 cm thick well in 1.6 cm with thick 1.4 cement plaster inside dimention 110cm x 80x100 cm M-20 R.C.C chamber cover size 130 x 100 cm 10 cm thick as
Village Mehgwan mb no. 1027p-52-55	Villag Luharwara mb no 1026 p-33-37
Vill-Lamkana mb no. 1038 p-74-84	Village Mehgwan mb no. 1027p-52-55
Vill-Jhanpi mb no. 1038 p-74-84	Supplying & Installation of required capacity of three phase 50 Hz 440 V deepwell submersible pump steel body as per IS approved make with control
80MM dia C.I.Sluice valve	Village Mehgwan mb no. 1027p-52-55
Villag Luharwara mb no 1026 p-33-37	2.2 KW to 7.5 KW Submersible Pump
Village Mehgwan mb no. 1027p-52-55	
Vill-Lamkana mb no. 1038 p-74-84	
Vill-Jhanpi mb no. 1038 p-74-84	
100MM dia C.I.Sluice valve	

Providing fixing and Installing all necessary periferals such as panel board
Village Mehgwan mb no. 1027p-52-55
2.2 KW to 7.5 KW Submersible Pump
Supplying and erection of ready made mini pump house with control panel box
Villag Luharwara mb no 1026 p-33-37
Village Mehgwan mb no. 1027p-52-55
Vill-Lamkana mb no. 1038 p-74-84
Vill-Jhanpi mb no. 1038 p-74-84
Vill-chhaparwah mb no. 1029 p-14-15

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Sandeep
TEAM LEADER
SANDEEP KUMAR MISHRA
Team Leader
MSV INTERNATIONAL INC.

List of Documents to be closed:

1. Inspection Report
2. Inspection photos (dated and geo-reference)
3. Any other supporting documents

Badwara BLOCK- INSPECTION PHOTOGRAPHS

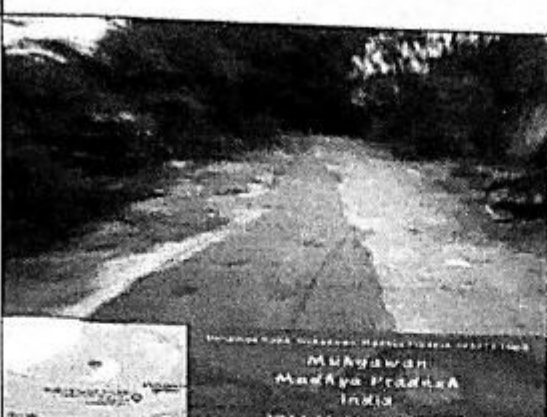
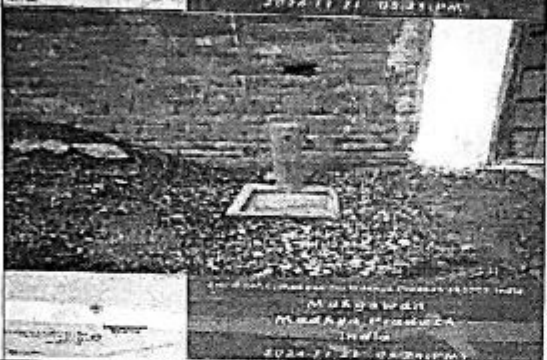
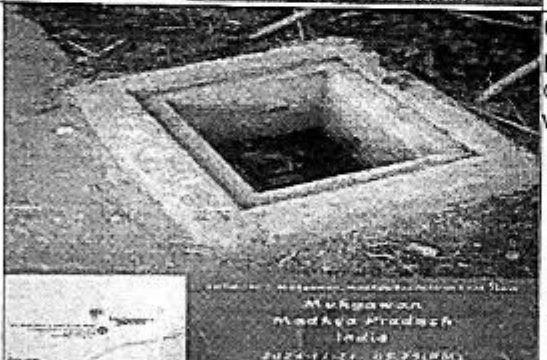

Observations of Site Visit areas under:

s. No	Village Name	Photograph	Observations	Recommendations
1.	Luharwara		Checked for OHT painting work completed as per design & drawing	
2.	Luharwara		Checked for sluice valve is properly installed & chamber construction work in progress	
3.	Muhgawan		Checked for OHT painting work completed as per design & drawing	

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Sandeep Jarkhan
SQCE



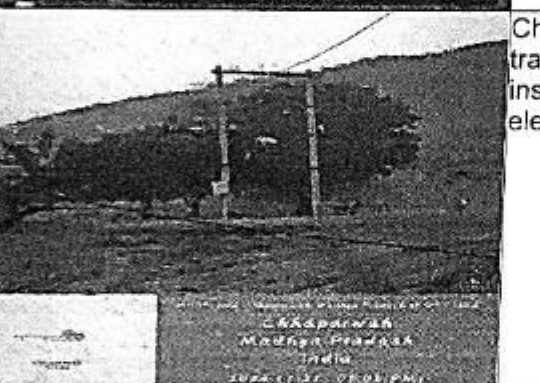
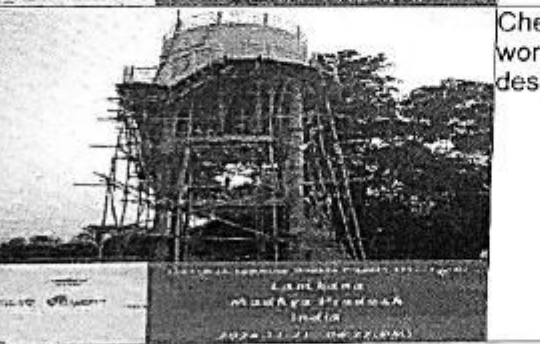
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TEAM LEADER
SANDEEP KUMAR MISHRA
Team Leader
MSV INTERNATIONAL INC.

s. No	Village Name	Photograph	Observations	Recommendations
4.	Muhgawan	 <p>Muhgawan Madhya Pradesh India 2024-11-21 05:24:00</p>	Checked for HDPE pipe line laying & CC patch construction work in progress)
5	Muhgawan	 <p>Muhgawan Madhya Pradesh India 2024-11-21 05:24:00</p>	Checked for stand post construction & FHTC connection work	
6.	Muhgawan	 <p>Muhgawan Madhya Pradesh India 2024-11-21 05:24:00</p>	Checked for sluice valve is properly installed & chamber construction work in progress)
7.	Chhapparwah	 <p>Chhapparwah Madhya Pradesh India 2024-11-21 05:24:00</p>	Checked for OHT staging work as per design & drawing	↑

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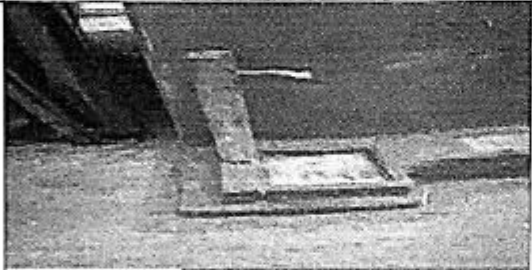

Sandeep
TEAM LEADER
SANDEEP KUMAR MISHRA
MSV INTERNATIONAL INC.

No			Observations	
8.	Chhaparwah		Checked for HDPE pipe line earthwork trench excavation & laying work is completed	↑
9.	Chhaparwah		Checked for readymade mini pump house & 5HP submersible motor pump installation work is completed)
10.	Chhaparwah		Checked for 25 KVA transformer is properly installed in this PCC electric pole	/
11.	Lamkana		Checked for OHT painting work in progress as per design & drawing	/

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SANDEEP KUMAR
SQCE



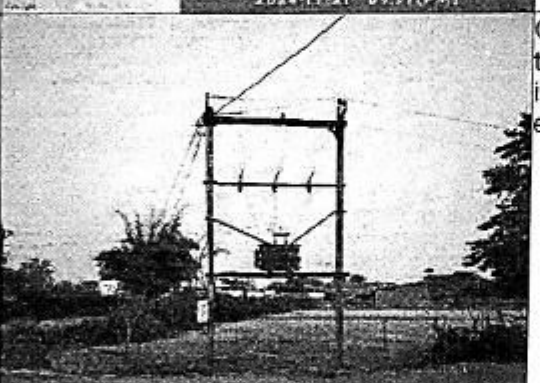

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TEAM LEADER
SANDEEP KUMAR MISHRA
Team Leader
MSV INTERNATIONAL INC.

s. No	Village Name	Photograph	Observations	Recommendations
12.	Lamkana	 <p>Lamkana Madhya Pradesh India 2024-11-26 04:41:04</p>	Checked for HDPE pipe line earthwork trench excavation & laying work completed	
13.	Lamkana	 <p>Lamkana Madhya Pradesh India 2024-11-26 04:42:04</p>	Checked for CC demolishing work	
14.	Lamkana	 <p>Lamkana Madhya Pradesh India 2024-11-26 04:43:04</p>	Checked for stand post construction & FHTC connection work	
15.	Jhanpi	 <p>Jhanpi Madhya Pradesh India 2024-11-26 04:44:04</p>	Checked for OHT work as per design & drawing &	

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Santosh Mishra
SQCE

Sandeep
TEAM LEADER
SANDEEP KUMAR MISHRA
Team Leader
MSV INTERNATIONAL INC.

s. No	Village Name	Photograph	Observations	Recommendations
16.	Jhanpi	 <p data-bbox="343 851 885 985">MSV-INT, Jhanpi, Madhya Pradesh 485775, India Jhanpi Madhya Pradesh India 2024-11-21 08:51(PM)</p>	Checked for HDPE pipe line earthwork trench excavation & laying measurement work completed	
17.	Jhanpi	 <p data-bbox="343 1366 885 1518">MSV-INT, Jhanpi, Madhya Pradesh 485775, India Jhanpi Madhya Pradesh India 2024-11-21 08:54(PM)</p>	Checked for 25 KVA transformer is properly installed in this PCC electric pole	

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Ganesh Jayaram
SQCE

Sandeep
TEAM LEADER
SANDEEP KUMAR MISHra
Team Leader
MSV INTERNATIONAL INC.

REPORT OF INSPECTION OF THIRD PARTY INSPECTION AGENCY

NIT No.:

Contract Agreement No. : **13/2023-24** :

Name of Contractor : **M/s SHUBH CONSTRUCTION AND SUPPLIERS Dist Katni**

Name of work : **Cons. Of OHT SUMPWELL With Pump House And FHTC Connection work**

Scheme : **JAL JEEVAN MISSION Katni**

Stage of work (Ongoing/Complete) : **Ongoing.**

Running Account Bill : **7th Running**

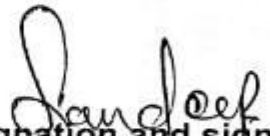
Overall Grading: Satisfactory / Not Satisfactory

Recommendation for Payment:

Date:

Place:


Name, Designation and signature
of the PHED Officials


Name, Designation and signature
of the Third party inspection Agency
Team Leader
MSV INTERNATIONAL INC.

Format for REPORT OF Inspection of Third Party Inspection Agency

NIT No. :
Contract Agreement No. : 13/DH/2023-24 No. 2931 D.T. 18-07-2023
Name of Contractor : MIS SHUBH CONSTRUCTION SUPPLIERS D/B KATNI
Name of work : CONST of New piped water supply scheme
Scheme : J. J. M. P. H. E. D. Katni (M.P.)
Stage of work (Ongoing/Completed) : Ongoing
Running Account Bill no : 9th RIA bill

I. Source : (Bore well) If no of Bore Well are more than one, then provide details for each Bore well

- A. Whether Geo Resistivity survey has been done : Yes No
- B. Dia. of bore well (in mm) :
- C. Depth of bore well (in metre) :
- D. Whether Yield test conducted : Yes No
- E. Yield as per yield test (lpm) :
- F. Type of pipe/Class of pipe :
- G. Type of pump set installed (if Any) :
- H. Whether Water Quality Test Conducted (If, yes, enclose report) :
- I. Whether water quality is as per BIS standard : Yes No

Remarks

Village - Chhaparwah

IV. Construction of OHT

A. As per NIT

- i. Capacity (in KL) : - 50 K.L.
- ii. Staging (in Meter) : - 12 m/s
- iii. Inspection status (Running/Final) : - (Running) 30%
- iv. Departmental design/drawing : - Yes
- v. Contractor's design/drawing : - Yes

B. Stage of progress

- i. Verification of dimension : - Yes
- ii. Material inspected : - Yes
 - a) Steel (Manufacture's test report) Type & grade to be used as per agreement : - Fe-500DHYSD
 - b) Cement (To be used as per type & grade of Cement specified in agreement) : - P.P.C. eq. O.P.C. 430 grade cement
 - c) Coarse aggregate (Full fills the requirement of Work specified in agreement) : - checked for gradation
 - d) Fine aggregate (Full fills the requirement of Work specified in agreement) : - checked for gradation
 - e) Concrete cube test (Conducted or Not) : - Conducted.
- C. Reinforcement is found as per design : - Yes
- D. Grade of concrete is found as per design : - M-25
- E. No of cube test set required to be done : - 3 sets
- F. No of cube test set done : - 3 sets
- G. Test result of cube test (Pass/Fail) : - PASS
- H. Cube test report verified : - I.A.D.L. & Verified for D.C.M.L.A.B. (Bhopal M.P.)

Verification

- a. Whether the water tightness is required at this stage
- b. If yes, whether water tightness test conducted if water tightness conducted, then : Pass/Fail
- c. Whether interconnection of pipe is to be done at this stage : Done/ Not done

Remarks:

As per NIT

SANJAY KUMAR
S.C.F.

Sanjay
Team Leader
MSV INTERNATIONAL INC.

Village - Lamkanta + Jhanpai

VII. Distribution system

Pipes	As per Estimate /BOQ	Quantity Executed during this bill	Quality test conducted (Yes/No)	Name of TPI conducted the test at Manufacturer premises	Result (Pass/Fail)	TPI test report reference no.	Remarks if any
Dia of pipe (mm)	63mm	63mm					
Class of pipe	CK91cm ²	6K91cm ²					
Material of pipe	H.D.PE.	H.D.PE.	Yes	C.I. Pet	PASS		
Length of the pipe laid (m)	284 X 30%	85.2 57.15					

Enclose duly signed TPI report.

Remarks: - C.I. Pet report Attached pricing bill. In final bill payment H.D.PE pipe laying and jointing work completed.

VIII. Distribution system

Pipes	As per Estimate /BOQ	Quantity Executed during this bill	Quality test conducted (Yes/No)	Name of TPI conducted the test at Manufacturer premises	Result (Pass/Fail)	TPI test report reference no.	Remarks if any
Dia of pipe (mm)	63mm	63mm					
Class of pipe	6K91cm ²	6K91cm ²					
Material of pipe	H.D.P.E.	H.D.P.E.	Yes	GI-PEP	PASS		
Length of the pipe laid (m)	92X30%	27.6 19.72					

Enclose duly signed TPI report.

Remarks: - 4

Santosh Lakhera
SACF

Team Leader
MSV INTERNATIONAL INC.

Reshals
SACF

Village - Lamkang + Chhapirwah

(2)

VIII. Distribution system

Pipes	As per Estimate /BOQ	Quantity Executed during this bill	Quality test conducted (Yes/No)	Name of TPI conducted the test at Manufacturer premises	Result (Pass/Fail)	TPI test report reference no.	Remarks if any
Dia of pipe (mm)	75mm	75mm					
Class of pipe	6kg/m ²	6kg/m ²					
Material of pipe	H.D.PE	H.D.PE	Yes	C.I. Pet	PASS		
Length of the pipe laid (m)	108x 30%	32.4 m					

Enclose duly signed TPI report.

Remarks:

— u ————— u ————— u

VIII. Distribution system

Pipes	As per Estimate /BOQ	Quantity Executed during this bill	Quality test conducted (Yes/No)	Name of TPI conducted the test at Manufacturer premises	Result (Pass/Fail)	TPI test report reference no.	Remarks if any
Dia of pipe (mm)	75mm	75mm					
Class of pipe	6kg/m ²	6kg/m ²					
Material of pipe	H.D.PE	H.D.PE	Yes	C.I. Pet	PASS		
Length of the pipe laid (m)	17x30%	5.1 m					

Enclose duly signed TPI report.

Remarks:

— u ————— u ————— u

Suresh Jadhav
SAGE

Sandeep
Team Leader

MSV INTERNATIONAL INC.

Scanned with OKEN Scanner

Abhishek
2018

Village - Chhapra with + Jhansi

3

VIII. Distribution system

Pipes	As per Estimate /BOQ	Quantity Executed during this bill	Quality test conducted (Yes/No)	Name of TPI conducted the test at Manufacturer premises	Result (Pass/Fail)	TPI test report reference no.	Remarks if any
Dia of pipe (mm)	90mm	90mm					
Class of pipe	6kg/m ²	6kg/m ²					
Material of pipe	H.D.PE	H.D.PE	Yes	C.I. Paf	PASS		
Length of the pipe laid (m)	40 x 30%	120%					

Enclose duly signed TPI report.

Remarks:
 — 4 ————— 4 —————

VIII. Distribution system

Pipes	As per Estimate /BOQ	Quantity Executed during this bill	Quality test conducted (Yes/No)	Name of TPI conducted the test at Manufacturer premises	Result (Pass/Fail)	TPI test report reference no.	Remarks if any
Dia of pipe (mm)	90mm	90mm					
Class of pipe	6kg/m ²	6kg/m ²					
Material of pipe	H.D.PE	H.D.PE	Yes	C.I. Paf	PASS		
Length of the pipe laid (m)	37 x 30%	5.10m/8					

Enclose duly signed TPI report.

Remarks:
 — 4 —————

*Allyali
paw*

60mm lakhera
SAC


Sandeep
Team Leader
MSV INTERNATIONAL INC.

4

VIII. Distribution system

Pipes	As per Estimate /BOQ	Quantity Executed during this bill	Quality test conducted (Yes/No)	Name of TPI conducted the test at Manufacturer premises	Result (Pass/Fail)	TPI test report reference no.	Remarks if any
Dia of pipe (mm)	110mm	110mm					
Class of pipe	6K ₂ m ²	6K ₂ m ²					
Material of pipe	H.D. PE	H.D. PE	Yes	C.I. Pot	PASS		
Length of the pipe laid (m)	34x 30%	10.2 mtr					

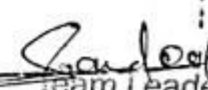
Enclose duly signed TPI report.

Remarks:


VIII. Distribution system

Pipes	As per Estimate /BOQ	Quantity Executed during this bill	Quality test conducted (Yes/No)	Name of TPI conducted the test at Manufacturer premises	Result (Pass/Fail)	TPI test report reference no.	Remarks if any
Dia of pipe (mm)							
Class of pipe							
Material of pipe							
Length of the pipe laid (m)							

Enclose duly signed TPI report.

Remarks:


*At Roshdy
SACE*

*Suresh Jaiswal
SACE*

Sandeep
Team Leader
MSV INTERNATIONAL INC.

Village - Lamkang + Jhanpai + Chhaparwah

Excavation Of Tranches

Excavation of Tranches :-

- earthwork + soft rock
- A. Total Quantity of excavation done during this bill (CuM) :- $54.89m^3 + 292.35m^3$
- B. Width of the trench was as per specification 600mm Yes/No - Yes
- C. Depth of trench found during inspection/ test check $(885mm + 989mm)$ Average
- D. Type in soil found (all rkind of soil) ~~Soft rock / Hard rock~~ - soft rock
- E. Type of excavated (Moorum/Kaccha/BT/CC/Other If any) : - Kaccha

[Signature]
PCC

Srinosh Duxhara
SACE

[Signature]
Team Leader
MSV INTERNATIONAL INC

vill- Chhapra

XI. **Electric Work :-**

- A. No. of electric poles (Nos.) erected : 0/113
- B. Material of electric poles : PCC
- C. Length of electric line (m) : 92 m ✓
- D. Testing done by MPMKWCL : Yes/No.

General observations

Remarks:

All poles
PCC

Suresh Kumar
SACE

Suresh Kumar
Team Leader
MSV INTERNATIONAL INC.

Village - Shanpo

XI. Electric Work :-

- A. No. of electric poles (Nos.) erected : 02 nos
- B. Material of electric poles : PCC
- C. Length of electric line (m) : 92 mtr
- D. Testing done by MPMKVCL : Yes/No.

General observations

Remarks:

Ashish
SAC

Suresh Jathora
SAC

Sunder
Team Leader
MSV INTERNATIONAL INC



MSV International, Inc.

(ISO 9001 : 2015 Certified Company)

Site Office : G2/195 Gulmohar Colony Bhopal

(M.P) -462039

Caqm Off. Madhav Nager rai colony Katni
Mp

E-mail: info@msvgroup.com

Tel.: +91 9929383076

CIN: F04214

Ref: No.: MSV/KTE/2023-24/ 794

Date: 20.12.2024

To,

Assistant Engineer (SDO),
Public Health Engineering Department
Sub.Div.-V.Garh Distric Katni (MP)

Ref. Our.Agreement No – 20/2022-23, Work Order No - 2088 DATE 21.07.2022

Sub:- T.P.I.A. inspection Report for HDPE Pipe laying & jointing provide
house hold connection work in progress.

Respected Sir,

Referance To Above Subject, Submitting Here With The Thirdparty
Inspection Agency Report For Retrofitting Of Existing Pipe Water Supply Scheme At
Village Block Badwara Disst.Katni Based On Tube Wells Including Installation Of
Electric Submersible Moter Pumps Construction Of R.C.C. Over Head Tank Construction
Of RCC Sumpwell Cum Brick Machinaery Pump House Providing Laying & Jointing
Rising Main & Distribution Pipe Line System House Tap Connection & Electric Power
Connections At Tube Well Including Cost Of All Materials And Labour With Testing &
Commissioning And 90 Days Successful Trial Run Period Of Entire Scheme Village
Sejha, Chandan, Chirahuli, Badwrakhurd, Bachhaulii Block- Badwara Distt- Katni
(MP) dated 20.12.2024

Thanking you in anticipation.

Encl: - With Geotech photographs

o/c


You're faithfully

SANDEEP KUMAR MISHRA
(Team Leader)

Team Leader
MSV INTERNATIONAL INC.

TPIA DETAILED REPORT FOR KANTI BLOCK BADWARA

Mr. Sandeep Kumar Mishra Team Leader Katni (MSV International, INC) conducted site Inspection visit as part of TPIA Works of Contract Agreement No **14/DL/2023-24** Work order No. **2929** date **18/07/2023** village, **Sejha, Chandan, Chiruhali, Badwarakhurd, Bachhali** Block- **Badwara** Distt- **Katni**. 3rdRA Bill against Running Bill at PHE Dept. on **20.12.2024**.

Mr. Dinesh Kumar Inwati Assistant Engineer of PHE Department **Mr. Dinesh Kumar Inwati Sub Engineer of PHE, Department Contractor of M/S Shubh Construction And Suppliers 669 Near Sanyasi Bawa Tample Gouttam Bandhwa Rajiv Gandhi Ward Rubber Factory Road Katni Dist.-Katni**

Report Summary:-

3	Labour for laying jointing & field testing of high density poly ethelenc pipe etc
	Village Badwara khurd mb 1051 p-1-8
	Village Chiruhali mb no 1051 p-9-17
	Village sejha mb no 1051 p-25-32
Construction of 50 K.L. R.C.C OHT 12 mtr staging badwara khurd	a) 63 mm ØHDPE Pipe 6 Kg/cmsq
	Village Badwara khurd mb 1051 p-1-8
	Village Chiruhali mb no 1051 p-9-17
	Village sejha mb no 1051 p-25-32
After casting of levelling course	b) 75 mm ØHDPE Pipe 6 Kg/cmsq
	Village Badwara khurd mb 1051 p-1-8
After foundation including column to 1st	Village Chiruhali mb no 1051 p-9-17
	Village sejha mb no 1051 p-25-32
After casting 50% RCC Staging	c) 90 mm ØHDPE Pipe 6 Kg/cmsq
	Village Badwara khurd mb 1051 p-1-8
After casting full Staging	Village Chiruhali mb no 1051 p-9-17
	Village sejha mb no 1051 p-25-32
	d) 110 mm ØHDPE Pipe 10 Kg/cmsq

Demolishing c.c. work manually by mechanical means including disposal of

Village Badwara khurd mb 1051 p-1-8

Village Chiruhali mb no 1051 p-9-17

Village sejha mb no 1051 p-25-32

Earthwork in Excavtion by mechanical means (Hydraulic Excavator) manual means over area (exceeding 30 cm in depth 1.5 in width as well as 105 qm on plan)including disposal of excarded earth

Village Badwara khurd mb 1051 p-1-8

Village Chiruhali mb no 1051 p-9-17

Village sejha mb no 1051 p-25-32

Earthwork in Excavation by mechanical means (Hydraulic Excavator) manual means over area (exceeding 30 cm in depth 1.5 in width as well as 105 qm on plan)including disposal of excarded earth lead upto 1.5 m disnosal earth to be

Village Badwara khurd mb 1051 p-1-8

Village Chiruhali mb no 1051 p-9-17

Village sejha mb no 1051 p-25-32

Filling with moorum for pipe bedding or over the pipe including supply of moorum.

Village Badwara khurd mb 1051 p-1-8

Village Chiruhali mb no 1051 p-9-17

Village sejha mb no 1051 p-25-32

Providing butt fusion welded joint / jointing by heating to the ends with the help of tefion coated electric mirror / heater ends together etc by thermo setting process to HDPE pipe and specials.

Village Badwara khurd mb 1051 p-1-8

Village Chiruhali mb no 1051 p-9-17

Village sejha mb no 1051 p-25-32

63 mm Ø HDPE Pipe

Village Badwara khurd mb 1051 p-1-8

Village Chiruhali mb no 1051 p-9-17

Village sejha mb no 1051 p-25-32

75 mm Ø HDPE Pipe

Village Badwara khurd mb 1051 p-1-8

Village Chiruhali mb no 1051 p-9-17

Village sejha mb no 1051 p-25-32

90 mm Ø HDPE Pipe

Village Badwara khurd mb 1051 p-1-8

Village Chiruhali mb no 1051 p-9-17

Village sejha mb no 1051 p-25-32

110 mm Ø HDPE Pipe

Providing and laying of Bend 90°confirming to IS specification

Village Badwara khurd mb 1051 p-1-8

Village Chiruhali mb no 1051 p-9-17

Village sejha mb no 1051 p-25-32

63 mm Ø HDPE Bend

Village Badwara khurd mb 1051 p-1-8

Village Chiruhali mb no 1051 p-9-17

Village sejha mb no 1051 p-25-32

75 mm Ø HDPE Bend

Village Badwara khurd mb 1051 p-1-8

Village Chiruhali mb no 1051 p-9-17

Village sejha mb no 1051 p-25-32

90 mm Ø HDPE Bend

Providing and laying of Reducer confirming to IS specification	Providing & making Consumer service Connection (Functional House hold tap connection) with the help of electro fusion machine including all labour & material such as electro fusion saddle brass ferrule , double compression elbow male/female threaded adopter etc include earth work in excavation for pipe trench in all kind of soil & WBM areas with demolishing CC road and reconstruction of same good etc com.
Village Badwara khurd mb 1051 p-1-8	Village Badwara khurd mb 1051 p-1-8
Village Chiruhali mb no 1051 p-9-17	Village Chiruhali mb no 1051 p-9-17
Village sejha mb no 1051 p-25-32	Village sejha mb no 1051 p-25-32
75 mm Ø HDPE Reducer	For connection with 20mm dia MDPE pipe upto 10 mtr & concrete road crossing is necessary 70%
Village Badwara khurd mb 1051 p-1-8	Village Badwara khurd mb 1051 p-1-8
Village Chiruhali mb no 1051 p-9-17	Village Chiruhali mb no 1051 p-9-17
Village sejha mb no 1051 p-25-32	Village sejha mb no 1051 p-25-32
90 mm Ø HDPE Reducer	For connection with 20mm dia MDPE pipe upto 5 mtr & concrete road crossing is not required 70%
Village Badwara khurd mb 1051 p-1-8	Village Badwara khurd mb 1051 p-1-8
Village Chiruhali mb no 1051 p-9-17	Village Chiruhali mb no 1051 p-9-17
Village sejha mb no 1051 p-25-32	Village sejha mb no 1051 p-25-32
110 mm Ø HDPE Reducer	Filling available excavated earth in trenches lead upto 50 m & lift upto 1.5 m in all kind of soil excluding water log
Providing and laying of Equal Tee confirming to IS specification	
Village Badwara khurd mb 1051 p-1-8	Village Badwara khurd mb 1051 p-1-8
Village Chiruhali mb no 1051 p-9-17	Village Chiruhali mb no 1051 p-9-17
Village sejha mb no 1051 p-25-32	Village sejha mb no 1051 p-25-32
63 mm Ø HDPE Equal Tee	Supplying & installation of required capacity of three phase 50 Hz 440 V deepwell submersible pump steel body as per IS approved make suitable for 150mm tubwell with control pannel starter etc com.
Village Badwara khurd mb 1051 p-1-8	Village Badwara khurd mb 1051 p-1-8
Village Chiruhali mb no 1051 p-9-17	Village Chiruhali mb no 1051 p-9-17
Village sejha mb no 1051 p-25-32	Village sejha mb no 1051 p-25-32
75 mm Ø HDPE Equal Tee	2.2 KW to 7.5 KW Submersible Pump
Village Badwara khurd mb 1051 p-1-8	Village Badwara khurd mb 1051 p-1-8
Village Chiruhali mb no 1051 p-9-17	Village Chiruhali mb no 1051 p-9-17
Village sejha mb no 1051 p-25-32	Village sejha mb no 1051 p-25-32
90 mm Ø HDPE Equal Tee	Providing fixing and installing all necessary periferals such as panel board flexible submersible cables pressure gauges earthing etc complete(80% of item no. 23)
Providing and laying of End Cap confirming to IS specification	
Village Badwara khurd mb 1051 p-1-8	Village Badwara khurd mb 1051 p-1-8
Village Chiruhali mb no 1051 p-9-17	Village Chiruhali mb no 1051 p-9-17
Village sejha mb no 1051 p-25-32	Village sejha mb no 1051 p-25-32
63 mm Ø HDPE Equal Cape	2.2 KW to 7.5 KW Submersible Pump
Village Badwara khurd mb 1051 p-1-8	Village Badwara khurd mb 1051 p-1-8
Village Chiruhali mb no 1051 p-9-17	Village Chiruhali mb no 1051 p-9-17
Village sejha mb no 1051 p-25-32	Village sejha mb no 1051 p-25-32
75 mm Ø HDPE End Cape	
Village Badwara khurd mb 1051 p-1-8	Village Badwara khurd mb 1051 p-1-8
Village Chiruhali mb no 1051 p-9-17	Village Chiruhali mb no 1051 p-9-17
Village sejha mb no 1051 p-25-32	Village sejha mb no 1051 p-25-32
90 mm Ø HDPE End Cape	

Providing laying and jointing of following galvanised iron MS pipe with specials (such as bend elbow tees etc) class medium including testing of jointing cost of pipe specials and jointing materials all complete.

Village Badwara khurd mb 1051 p-1-8

Village Chiruhali mb no 1051 p-9-17

Village sejha mb no 1051 p-25-32

GI Pipe 50 mm dia

Labour Only for lowering of three phase submersible pumping set in the tubewell with pipe line assembly electrical cable testing etc including connecting the electrical cable pump and starter.

Village Badwara khurd mb 1051 p-1-8

Village Chiruhali mb no 1051 p-9-17

Village sejha mb no 1051 p-25-32

2.2 KW to 7.5 KW Submersible Pump Providing & fixing of cast iron double flanged single door reflex (non return valve) including material such as bolt nuts and rubber insertion all com.

Village Badwara khurd mb 1051 p-1-8

Village Chiruhali mb no 1051 p-9-17

Village sejha mb no 1051 p-25-32

50 mm ϕ CI Non Return Valve

Supplying and erection of ready made mini pump house size 90x90x60 cm etc all com

Village Badwara khurd mb 1051 p-1-8

Village Chiruhali mb no 1051 p-9-17

Village sejha mb no 1051 p-25-32

50 mm ϕ CI Non Return Valve

Provision for LT Line 3 Phase 5 core on PCC pole support using arial branched XLPE cable and installation with transformer as per MPPKVV sanctioned estimate SB

Village Sejha Project no.853767

Village Chiruhali Project no.853757

Village Badwara khurd Pro no.853762

Village Bachhali Project no.853798

Alhida
CHECK BY ME
(F.Q.C.E)

Somesh Bakheri
SQCE







Sandeep
TEAM LEADER
SANDEEP KUMAR MISH
Team Leader
MSV INTERNATIONAL INC.

List of Documents to be closed:

1. Inspection Report
2. Inspection photos (dated and geo-reference)
3. Any other supporting documents

Badwara BLOCK- INSPECTION PHOTOGRAPHS





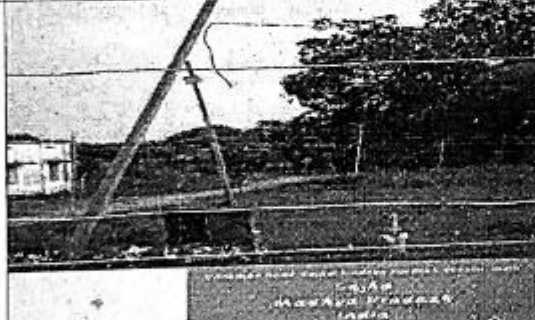



Observations of Site Visit areas under:

s. No	Village Name	Photograph	Observations	Recommendations
1.	Badwara Khurd		Checked for OHT staging work as per design & drawing	
2.	Badwara Khurd		Checked for submersible motor pump is properly installed in this borewell	
3.	Badwara Khurd		Checked for 25KVA transformer, readymade mini pump house & submersible motor pump is properly installed in this site	

Allyshale
CHECK BY ME
(F.Q.C.E)

Santosh Sarker
SQCE

Sandeep
TEAM LEADER
SANDEEP KUMAR MISHRA
Team Leader
MSV INTERNATIONAL INC.

s. No	Village Name	Photograph	Observations	Recommendations
4.	Sejha		Checked for HDPE pipe line earthwork trench excavation & laying work completed	
5.	Sejha		Checked for CC demolishing & FHTC work	
6.	Sejha		Checked for submersible moter pump & readymade mini pump house installation work	
7.	Sejha		Checked for 25KVA transformer is properly installed in this site	

Alhiddels
CHECK BY ME
(F.Q.C.E)

Somnath Jaiswal
SQCE

Sandeep
TEAM LEADER
SANDEEP KUMAR MISHra
Team Leader
MSV INTERNATIONAL INC.

s. No	Village Name	Photograph	Observations	Recommendations
8.	Chiruhali		Checked for submersible motor pump is properly installed in this borewell	
9.	Chiruhali		Checked for 25KVA transformer is properly installed in this site	7
10.	Bachhali		Checked for 25KVA transformer is properly installed in this site	

Ally Shah
CHECK BY ME
 (F.Q.C.E)

Santosh Bhatta
SQCE

Sandeep
TEAM LEADER
SANDEEP KUMAR MISHra
 Team Leader
 MSV INTERNATIONAL INC.

REPORT OF INSPECTION OF THIRD PARTY INSPECTION AGENCY

NIT No.:

Contract Agreement No.

: 14/2023-24 :

Name of Contractor

: M/s SHUBH CONSTRUCTION AND
SUPPLIERS Dist Katni

Name of work

: Cons. Of OHT SUMPWELL With Pump
House And FHTC Connection work

Scheme

: JAL JEEVAN MISSION Katni

Stage of work (Ongoing/Complete

: Ongoing.

Running Account Bill

: 3rd Running

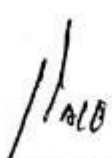
Overall Grading:


Satisfactory / Not Satisfactory

Recommendation for Payment:

Date:

Place:


Name, Designation and signature
of the PHED Officials


Name, Designation and signature
of the Third party inspection Agency

Team Leader
MSV INTERNATIONAL INC.

Format for REPORT OF Inspection of Third Party Inspection Agency

NIT No. :
Contract Agreement No. : 14/2023-24
Name of Contractor : M/S. subh. cons. & suppliers. kerala
Name of work : Const. of all report & pipeline pipe complete
Scheme : Jal Sevan mission
Stage of work (Ongoing/Completed) : ongoing
Running Account Bill no : 3rd R/A.

I. Source : (Bore well) If no of Bore Well are more than one, then provide details for each Bore well

- A. Whether Geo Resistivity survey has been done : Yes No
- B. Dia. of bore well (in mm) :
- C. Depth of bore well (in metre) :
- D. Whether Yield test conducted : Yes No
- E. Yield as per yield test (lpm) :
- F. Type of pipe/Class of pipe :
- G. Type of pump set installed (if Any) :
- H. Whether Water Quality Test Conducted (If, yes, enclose report) :
- I. Whether water quality is as per BIS standard : Yes No

Remarks

V/11- Badwasg khal.

IV. Construction of OHT

A. As per NIT

- i. Capacity (in KL) : 50 KL
- ii. Staging (in Meter) : 12 mtr.
- iii. Inspection status (Running/Final) : Running (33%)
- iv. Departmental design/drawing : Yes
- v. Contractor's design/drawing : Yes (Approved by department)

B. Stage of progress

- i. Verification of dimension : Yes
- ii. Material inspected : Yes
 - a) Steel (Manufacture's test report) Type & grade to be used as per agreement : Fe-500-D.
 - b) Cement (To be used as per type & grade of Cement specified in agreement) : PPC 43 grade cement concrete equi. of
 - c) Coarse aggregate (Full fills the requirement of Work specified in agreement) : Gradation checked
 - d) Fine aggregate (Full fills the requirement of Work specified in agreement) : Gradation checked
 - e) Concrete cube test (Conducted or Not) : conducted
- C. Reinforcement is found as per design : checked for B.B.S.
- D. Grade of concrete is found as per design : M-25
- E. No of cube test set required to be done : 10 set
- F. No of cube test set done : 10 set
- G. Test result of cube test (Pass/Fail) : pass
- H. Cube test report verified : DCM Test Lab.

Verification

- a. Whether the water tightness is required at this stage :
- b. If yes, whether water tightness test conducted if water tightness conducted, then : Pass/Fail
- c. Whether interconnection of pipe is to be done at this stage ; If yes, then done : Done/ Not

Remarks:

Asst. Insp. PCC

Sonosh Jethava SACS

Team Leader MSV INTERNATIONAL INC.