

Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola



Krishi Vigyan Kendra

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No. KVK/Ytl/ 110 /2022

Date- 7.06.2022

QUOTATION NOTICE

To,

1. _____
2. _____
3. _____

Subject: Quotation notice for the lining of Community Farm Pond of size 34 x 34 x 4.7 m

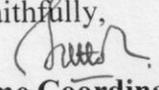
As per the requirement please quote the rates of lining of Community Farm Pond for the financial year 2022-23 at Krishi Vigyan Kendra, Yavatmal under described specifications and conditions.

S. No.	Item with specification	Technical Information	Quantity
	Lining Sheet for farm pond of size 34 x 34 x 4.7 m BIS Standard 500 Micron Reinforced HDPE Geo- membrane Film IS 15351:2015 Type II	As per Annexure A	1

Terms and Conditions:

1. The quotations of above may please be supplied within 07 days from the date of issue of this order dated 13.06.22 upto 5.00 pm.
2. Quotations should be submitted in sealed envelopes with the name and address of Programme Coordinator, Krishi Vigyan Kendra, Waghapur Yavatmal 445001 on the envelopes.
3. Above quotation will considered for one year only.
4. Transportation cost may please be including in the bill for necessary payment.
5. The GST bill in triplicate may please be sent immediately to this office for payment,

Yours faithfully,


Programme Coordinator
Krishi Vigyan Kendra,
Yavatmal

**Characteristics of Reinforced HDPE Geo-membrane 500 Micron
(IS 15351:2015 Type II)**

Sr. No.	PROPERTY	REQUIREMENT	
		Type II	Method of Test
1	Thickness (mm), Min.	0.50 mm	IS:7016 Part 1
2	Mass (g/m ²), Min.	420 g/m ²	IS:7016 Part 1
3	Dimensions (Length and width)	As declared + 1 percent with no negative tolerance	Annex A of IS 11652
4	Carbon black content, percent, Min.	2.5 ± 0.5	Annex A of IS 11652
5	Breaking load on 20 cm x 10 cm strip, N, Min before U.V exposure	(D1) 6600N	IS 13162 (Part 5)
		(D1) 6600N	
6	Strain at Maximum Load, percent	20 ± 5%	IS 13162 (Part 5)
7	Breaking load on 20cm x 10 cm strip, N, Min After U.V exposure of 1000h	80% of actual original value	IS 13162 (Parts 2 and 5)
8	Impact failure load, at 1520 mm drop, min gram force at 50 percent failure	1840gf	Annex B
9	Tear resistance, N, Min	250N	IS 7016 (Part 3)
10	Puncture resistance, N, Min	500N	Annex D
11	Bursting strength (Ball burst), (N/cm ²), Min	110 (N/cm ²)	IS 7016 (Part 6)
12	Seam strength before UV exposure (N/mm), Min	30 (N/mm)	IS 15060
13	Seam strength after UV exposure (N/mm), Min	80% of actual original value	Annex B & IS:15060
14	Hydrostatic Resistance before UV exposure	No leakage at 15 kg/cm ²	Annex E
15	Hydrostatic Resistance after UV exposure of 1000hours	80% of actual original value	Annex E
16	Ash Content % Max	1%	Annex F

Note : For hydrostatic resistance test, the test specimen shall be selected such that at least one joint covered, if provided.



**Programme Coordinator
Krishi Vigyan Kendra,
Yavatmal**