

***Proposal To Build A Ice House/fish Shed In  
The Community Of Kakisa Lake  
Type of Study: Primary Production  
Fisheries, Inland Lakes North & South  
Date of Report: 1988  
Author: Gnwt-ed&t  
Catalogue Number: 3-10-2***

Background Information

The residents of Kakisa Village, commercial fish both Kakisa Lake and Tathelina Lake. These are closed-lakes and quotas are for the residents of Kakisa only, which protects their rights to the only source of industry in the area apart from limited trapping.

For years the residents have been fishing in this area but due to the lack of proper facilities have sustained losses from spoilage of an estimated 2-3000 lbs. per season.

In verifying the spoilage as reported, F.F.M.C. manager, Dave Bergunder stated as follows:

1987	2-3000 lbs. @ 1.40 per initial lb.	\$4,200.00
1986	4-5000 lbs.	\$7,000.00

To overcome this severe loss to the community this project has been submitted.

Due to the depressed economic situation of this community a direct contribution to cover capital costs is required with all labour to be the equity contribution of the community.

The value of the equity set at 50% of capital costs.

Project Capital Costs	\$20,000.
Equity Contribution	\$10,000.
Total project value	\$30,000.

Additional requirements would be for a 15% overrun, to cover any additional increases in materials/freight costs.

Justification

The direct contribution with the cost overrun factor would enable this industry to support the continued maintenance of commercial fishing and employment of the local fishermen and their helpers. At the present time there are eleven fishermen plus helpers harvesting these two lakes. The poundage harvested is approximately:

40,000 lbs./year	Kakisa	\$56,000.00
60,000 lbs./year	Tathelina	\$84,000.00

Because of losses through spoilage in previous years, marginal viability was the best this industry could maintain, however, the viability of this industry would stabilize and improve with the completion of this project.

Of prime importance is the need for continued existence of the commercial fishing industry in this area. As a depressed area economically and due to the fact that fishing is the major source of income, it is imperative that positive reinforcement through projects such as this, be implemented as quickly as possible.

Generation of employment, although limited to some extent, has been good. The licensed fishermen are able to train other members of the community who will eventually take over while enabling others to be self-supportive in other communities with this type of industry.

In conclusion, **socio-economic** benefits which will be derived as a direct result of this project are self evident.

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Attached: Shed Material Requirements  
Quotes from Igloo Building  
Letter of Support



QUOTE TO ECONOMIC DEVELOPMENT AND RESOURCES

ATTENTION: EILEEN ANGIERS

QUOTE #EQ0749 & EQ0750 FOR: ICE HOUSE AND FISH HOLDIN SHED

-FST INCLUDED - (ANY CHANGE IN TAX - PROVINCIAL, FEDERAL OR OTHER  
ARE FOR CUSTOMERS ACCOUNT)

-FOB: KAKISA LAKE, BASED ON A MIN. LOAD OF 30-35,000 LBS. FREIGHT  
MAY VARY ACCORDING TO SIZE OF LOAD.

-PRICES FIRM FOR 30 DAYS UNLESS OTHERWISE NEGOTIATED.

-WRAPPING AND CRATING IS INCLUDED FOR ITEMS REQUIRING IT.

BOX 313, HAY RIVER, N.W.T., CANADA X3E 0R0  
PHONE (403) 574-2324 TELEX 034-4213  
FAX 428-1362

21421 111 AVENUE BOX 425,  
WINTEBJUR, ALBERTA, CANADA T0E 2N0  
PHONE (403) 447-3888 TELEX 037-5778  
FAX 447-3247

BOX 250, FORT SMYTH, N.W.T., CANADA X3E 0N0  
PHONE (403) 595-2324 TELEX 034-7513  
C

10/09/87 16:59

07

1600 BUILDING SUPPLY GROUP LTD.  
 QUOTE RE E06749 FOR ECONOMIC DEVELOPMENT AND TOURISM  
 FOR: KAKISA LAKE, 20 X 24' ICE HOUSE

October 2, 1987

430  
 2150

75 Bags  
~~750~~  
 100 lbs bags

ITEM DESCRIPTION	WEIGHT PER UNIT OF 1 LBS	CUBIC FEET PER J of 1	UNIT OF ISSUE QUANTITY	INDIVIDUAL UNIT OF SELL PRICE	TOTAL SELL
RED: CONCRETE	55.0000	1.5000	430 BAGS 125 KG	\$4.52 BAGS 125 KG	\$1,943.60
FRESH 4x10/10.5x100'	125.0000	8.9639	1 TRAILER	\$62.69 TRAILER	\$62.69
SPR 248TR S4S KD SD 2x6-92 S/B STUDS	1,300.0000	83.0000	110 PIECES	\$174.00 /MBF	\$191.40
SPR 248TR S4S KD SD 2x6-10	1,800.0000	83.0000	15 PIECES	\$4.73 /MBF	\$70.95
SPR 248TR S4S KD SD 2x6-12'	1,800.0000	83.0000	15 PIECES	\$4.73 /MBF	\$70.95
4/12 PITCH TRUSSES FOR A 20' SPAN AND 12' D.W. NOTE: DELIVERY 1s 2-3 WEEKS	100.0000	22.0000	13 PIECES	\$137.50 /PIECES	\$1787.50
PAIRS OF 12 FLUSH LOOKOUTS	100.0000	12.0000	2 PAIRS	157.00 /PAIRS	\$314.00
SPR 248TR S4S KD SD 2x6-14	1,800.0000	83.0000	4 PIECES	\$432.00 /MBF	\$1728.00
1/2" C/S SHEETING 4x8-1/2 STAINED 1 COAT 4 SIDES	41.0000	11.7300	20 SHEETS	\$27.65 /SHEETS	\$553.00
STANDARD P/S SHEETING 4x8-1/2	41.0000	11.7300	69 SHEETS	\$12.81 /SHEETS	\$884.29
1" Kwik Clips	4.0000	0.1000	1 BAG	\$3.71 /BAG	\$3.71
PS1000 WINDOWS	37.0000	5.3000	3 UNITS	\$129.47 /UNITS	\$388.41
1 X 1" SECURITY SCREENS FOR WINDOWS C/W BOLTS	9.0000	0.5500	3 UNITS	\$99.27 /UNITS	\$297.81
9.1. SLATE SURFACE 90 LB ROLLS	90.0000	2.5200	7 EACH	\$174.00 /EACH	\$1218.00
ROOF CEMENT # 15 (4 L CANS)	61.9800	1.5275	2 CANS 4 L	\$110.35 /CANS (4 L)	\$220.70
EE ROOF 1 1/2 NAILS (C/P) 1 10x11	1.0000	0.0089	10 LBS.	\$0.20 /LBS.	\$2.00

ANY QUESTIONS CONTACT LAURENT LEBLANC @ 447-3686

1600 BUILDING SUPPLY GROUP LTD.  
 QUOTE RE E00749 FOR ECONOMIC DEVELOPMENT AND TOURISM  
 FDS: KAKISA LAKE, 20 X 24 ICE HOUSE

October 2, 1987

2x4's  
 2x6's

NO

2x4's

Need Piping 4"

ITEM DESCRIPTION	WEIGHT PER UNIT OF LBS	CUBIC FEET PER UNIT QUANTITY	UNIT OF ISSUE	INDIVIDUAL UNIT OF SELL PRICE	TOTAL SELL
2" x 12" SABLE VENT	2.0000	0.5000	2 F PIECES	\$8.25 PIECES	\$16.50
STAINED SPR 2x4 S4S SD 1x6-12'	1,800.0000	93.0000	4 PIECES	\$590.00 /MBF	\$191.16
STAINED SPR 2x6 S4S SD 1x6-14'	1,500.0000	83.0000	4 PIECES	\$590.00 /MBF	\$176.52
STAINED 6" x 6" F.P. WOODS 4x6-1/4	21,000.0000	0.6667	44 SHEETS	\$20.299 SHEETS	\$893.16
2 1/2" T&G 1 3/4" x 5/8" EXT. DOOR PREMIUM	130.0000	10.5000	3 UNITS	\$231.75 UNITS	\$695.55
DOOR LOCK SETS WEISER A301B 9/26D	1.5000	0.0425	2 SETS	\$45.66 SETS	\$91.32
DOOR PRIVACY SETS WEISER A301B 9/26D	1.5000	0.0445	1 SETS	\$12.54 SET	\$12.54
SELECT FIP SHEETING 4x8-3/4 PAINTED	60.0000	2.0000	4 SHEETS	\$36.03 SHEETS	\$144.12
HOT GALVANIZED COMMON NAILS 3 1/2 x 7	50.0000	6.448a	2 50 LB CARTONS	\$37.9250 9 CARTONS	\$37.92
HOT GALVANIZED COMMON NAILS 2 1/4 x 11	1.0000	0.0089	30 LBS.	\$3.92 LBS.	\$74.50
5" TROPICAN SH-2x8-1/2 1x6-1/2	7.4500	2.0000	44 SHEETS	\$11.71 SHEETS	\$498.54
413 GLASS BOARD 1/2" C/W FASTENERS CLIPS AND TRIFTS	30.0000	2.6667	47 SHEETS	\$23.00 SHEETS	\$1082.11
FIR CASINGS 9/16 x 2 1/2 #x: 2	0.1850	0.0088	80 LINEAR FEET	\$0.40 LINEAR FEET	\$32.00
1 1/2" x 1 1/2" SQUARE ANCON FLOOR DRAIN FDS308 C/W 1 FIPAC 4" COUPLING	5.0000	1.0000	1 PIECE	\$104.55 PIECE	\$104.55

*Corner is later no clips or trifts*

ANY QUESTIONS CONTACT LAURENT LEBLANC @ 447-3683

ISLCO BUILDING SUPPLY EQUIP LTD.  
QUOTE RE E20749 FOR ECONOMIC DEVELOPMENT AND TOURISM  
FOR: KAKISA LAKE, 20 X 24' ICE HOUSE

October 2, 1987

ITEM DESCRIPTION	WEIGHT PER UNIT OF LBS	CUBIC FEET PER L OF I	UNIT OF ISSUE QUANTITY	IN DIVIDUAL UNIT OF SELL PRICE	TOTAL SELL
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(8" Maxkeys (front of page)

Total \$17,492.59  
\*U. ~~XXXXXXXX~~

ANY QUESTIONS CONTACT LAURENT LEBLANC @ 447-3486



ICE HOUSE / HOLDING SHED  
NAKODA RIVER (NAKODA LAKE)

*Construction of Nakoda Lake*

SIDE  
ROOFS

20' X 24'

2 (20' X 24')

1 - ICE STORAGE

1 - FISH ICING AND HOLDING

HEIGHT -

8'

ROOF -

GABLE

CONSTRUCTION

WALLS - 2" X 6"

Plywood inside and out

Vapour barrier

Outside-painted

Inside-lined with CRYSTA PLEX

Insulation-recommend Styrofoam S.M.

Windows-as per attached- require large enough for sufficient light. Without ledges, or ledges to be sloped down to prevent collecting of water and dirt. Covered on outside with heavy gauge screen.

CEILING-2" X 4"

Insulated-S.M. Styrofoam

Plywood-lined with CRYSTA PLEX

ROOF

Gable roof

2" X 4" construction

Insulated

Plywood-covered with rolled roofing

Gable ends vented

FLOOR

Concrete

Wall/floor joints to be covered

Drain-screened-leading to a sump or field

Concrete landing 6' X 12'-in front of building

RECOMMEND

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Portable ice bin inside of holding room for ice shaving.  
Size-3' X 5' X 2'(high)  
Walls-3/4" plywood or planking  
Floor-planking-with drain holes-unpainted

iii. Small portable gas pump for wash down plus required hose and nozzle

NOTE

1. Styrofoam S.M. insulation is recommended as it is waterproof-particularly for the walls. Fibreglass could be used in the roof and ceiling.
2. The Crysta Plex-Plastic siding (or something similar) is recommended to cover the inside working surface as it reduces maintenance and stands up to wear and tear.

Available in:

A. Roll - Glass Board and Low Smoke and Fire-X

OR

B. Wall and Ceiling Panels - Glass Board BES 388P

FROM:

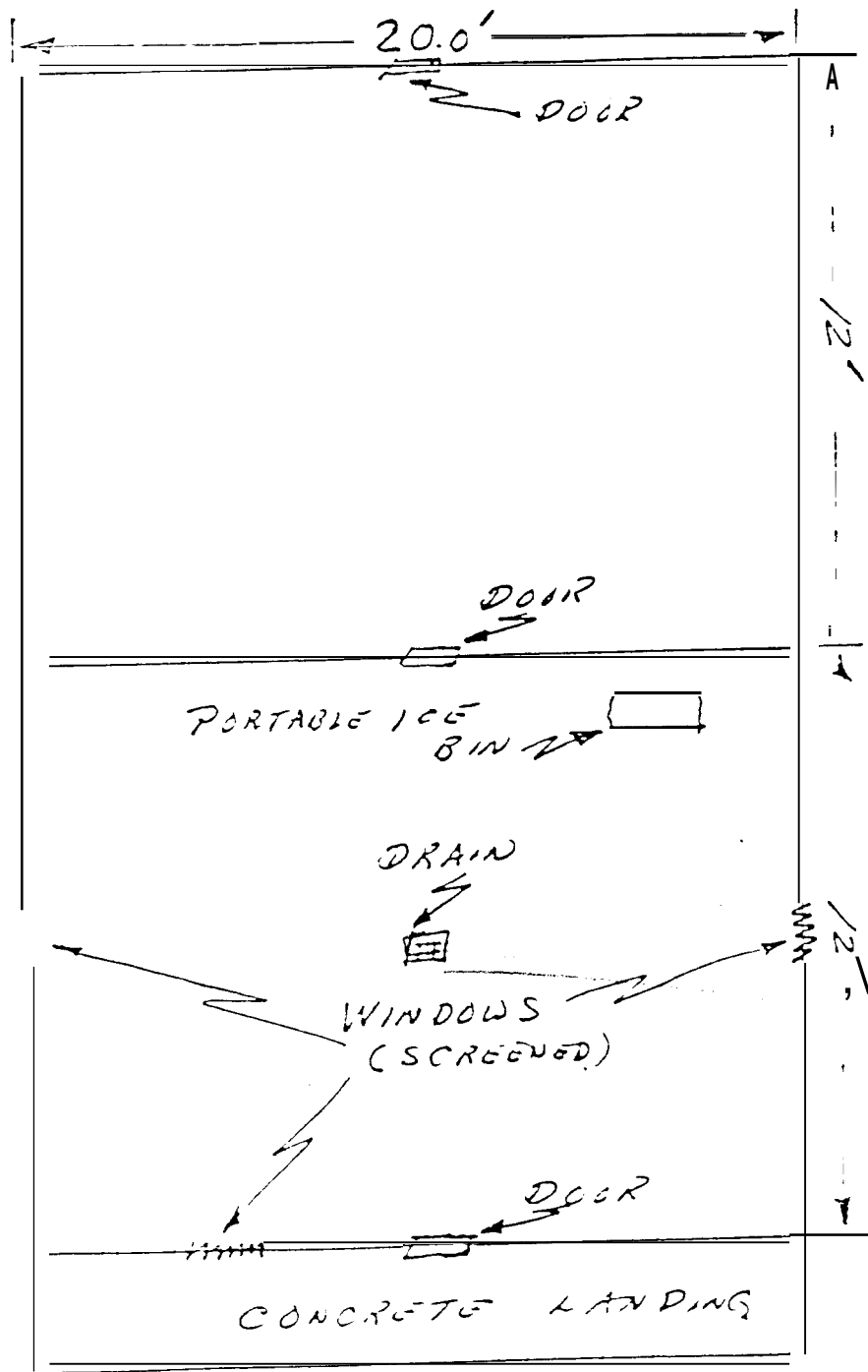
CRYSTA PLEX PLASTIC LTD.  
1825 DUNDAS EAST  
MISSISSAUGA, ONTARIO

James and Erin

ICE HOUSE / HOLDING SHED  
KAKISA RIVER / KAKISA LAKE

ICE HOUSE

HOLDING SHED



10/09/87 17:01

10

IGLOO BUILDING SUPPLY GROUP LTD.  
 QUOTE RE E20750 FOR ECONOMIC DEVELOPMENT AND TOURISM  
 FOB: KAKISA LAKE, 16 X 20' FISH SHED

October 2, 1987

16x20

ITEM DESCRIPTION	WEIGHT PER U of 1 LBS	CUBIC FEET PER U of 1	UNIT OF ISSUE QUANTITY	INDIVIDUAL UNIT OF SELL PRICE	TOTAL SELL
REDI CRETE 25 KG BAGS	55.0 Co)	1.5000	245 BAGS (25 KG) @	\$4.52 BAGS (25 KG)	\$1,111.92
MESH 60x100 105x100'	125.0000	8.8889	1 ROLLS @	\$82.69 ROLLS	\$82.69
SPR 2x8TR 545 KD 8D 2x6-10'	1,800.0000	33.0000	6 PIECES @	\$410.00 /MBF	\$2460.00
SPR 2x8TR 545 KD 8D 2x6-12'	1,800.0000	33.0000	6 PIECES @	\$410.00 /MBF	\$2460.00
SPR 2x8TR 545 KD 8D 2x6-16'	1,800.0000	33.0000	6 PIECES @	\$410.00 /MBF	\$2460.00
SPR 2x8TR 545 KD 8D 2x6-92 5/8 STUDS	1,800.0000	33.0000	80 PIECES @	\$311.00 /MBF	\$24880.00
4/12 PITCH TRUSSES FOR A 20' SPAN AND 12' O.H. NOTE: DELIVERY 152-3 WEEKS	100.0000	22.0000	11 PIECES @	\$230.09 PIECES	\$2530.99
PAIRS OF 1/2 LOCKOUTS	100.0000	12.0000	1 PAIRS @	\$44.24 PAIRS	\$44.24
SPR 2x8TR 545 KD 8D 2x6-12'	1,800.0000	33.0000	4 PIECES @	\$493.00 /MBF	\$1972.00
SELECT PIR SHEETING 4x8-1/2 STA (MED) 1 COAT 4 SIDES	41.0000	1.3300	33 SHEETS @	\$27.63 SHEETS	\$911.59
STANDARD PIR SHEETING 4x8-1/2	41.0000	1.3300	45 SHEETS @	\$16.825 SHEETS	\$756.75
1/2 KAKI CLIPS	2.0000	0.1300	1 BAG (100 PDS) @	\$5.71 BAG (100 PDS) ? [s, 1	\$5.71
MANV FILE INSULATION R20-23x48	44.0000	12.2222	2 BAG (138.05F) @	\$54.56 BAG (138.05F) SFT)	\$109.12
PCY (CLEAR) 1100	10.0000	0.9166	1 ROLL @	\$19.55 ROLL	\$19.55
PER 006 WINDOWS X 1/2 BLK. NATURAL	37.0000	5.3000	1 UNITS @	\$129.49 UNITS	\$129.49
1" X 1" SCREEN FOR WINDOWS C/W BOLTS	9.0000	0.3650	3 UNITS @	\$76.27 UNITS	\$228.81

ANY QUESTIONS CONTACT LAURENT LERLAND @ 447-3666

LELCO BUILDING SUPPLY GROUP LTD.  
 QUOTE RE EQ0759 FOR ECONOMIC DEVELOPMENT AND TOURISM  
 FDBI KAKISA LAKE, 16' X 20' FISH SHED

October 2, 1987

ITEM DESCRIPTION	WEIGHT PER UNIT OF LBS	CUBIC FEET PER UNIT QUANTITY	UNIT OF ISSUE	INDIVIDUAL UNIT OF SELL PRICE	TOTAL SELL
D.T. SLATE SURFACE 90 LB ROLLS	90.000	0.5000	5 EACH	\$1.11 PER EACH	\$124.50
ROOF CEMENT # 17 (4 L CANS)	61.9600	1.5270	2 CANS (4 L)	\$10.00 X CANS (4 L)	\$20.72
EG ROOFING NAILS (DIA) 1 1 1/4"	10.000	0.0039	10 LBS.	\$0.10 LBS.	\$8.00
12 X 12 BABBLE VENTS	2.0000	0.5000	2 PIECES	\$8.25 PER PIECE	\$16.50
STAINED 3/4 X 2 1/2 X 8 1/2 1x8-12	1,300.0000	80.0000	8 PIECES	\$28.00 PER	\$224.00
S&I 1/2 4x8-17 1/4 S&I 1/2 4x8-17 1/4	21.0000	0.6667	4 SHEET	\$23.29 SHEETS	\$93.16
2 1/2 X 1 1/2 - 1 3/4 S/C EXT. DOOR PREHUNG	100.0000	10.0000	1 UNIT	\$231.84 UNIT	\$231.84
DOOR LOCK SETS WEISER AES 1 1/2 X 2 1/2	1.5000	0.0425	4 SETS	\$45.65 SETS	\$182.60
SELECT FOR SHEETING 4x8-3/4 PAINTED	21.0000	2.0000	4 SHEETS	\$35.40 SHEETS	\$141.60
HOT GALVANIZED COMMON NAILS 3 1/2 X 7	10.0000	0.0089	30 LBS.	\$0.78 LBS.	\$23.40
HOT GALVANIZED COMMON NAILS 2 1/4 X 1 1/2	10.0000	0.0069	30 LBS.	\$0.82 LBS.	\$24.60
57 WROG CAN 5/8 X 8-1.5 INCH R7.5	3.7500	2.0000	35 SHEETS	\$11.11 SHEETS	\$388.85
4 1/2" GLASS BOARD CAN FASTENERS CLIPS AND TRIMS	10.0000	2.6660	28 SHEETS	\$30.93 SHEETS	\$866.04
FLOOR DRAIN 4" X 2" X 1/2" #3002	0.0000	0.0000	60 LINEAR FEET	\$0.40 LINEAR FEET	\$24.00
8 X 8" SQUARE ANCHOR FLOOR DRAIN F03308 C/W 1 FIRNCO 4" COUPLING	5.0000	1.0000	1 PIECE	\$194.55 PER PIECE	\$194.55

ANY QUESTIONS CONTACT LAURENT LEE-LAM @ 447-3686

TELCO BUILDING SUPPLY GROUP LTD.  
QUOTE REQUESTED FOR ECONOMIC DEVELOPMENT AND TOURISM  
POB: KAKISA LAKE, 16 X 20' FISH SHED

October 2, 1987

ITEM DESCRIPTION	WEIGHT PER UNIT	CUBIC FEET PER UNIT	UNIT OF ISSUE QUANTITY	INDIVIDUAL UNIT OF SELL PRICE	TOTAL SELL
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(Breakers from other page)

Total \$7,732.40

ANY QUESTIONS CONTACT LAURENT LEBLANC @ 447-3685

ICE/FISH HOLDING SHED

KAKISA LAKE SETTLEMENT

SIZE - 16' X 20'  
ROOMS - 1  
WALLS - GABLE  
HEIGHT - 8'

CONSTRUCTION

FLOOR

Concrete  
Floor/wall joints to be coved  
Drain-screened-leading to a field or sump  
Concrete landing-6' X 10' at front door

WALLS - 2" X 6"

Plywood-inside and out  
Vapour barrier  
Outside-painted  
Inside-lined with CRYSTA PLEX  
Insulation-recommend Styrofoam S.M.  
Windows-as per attached-require large enough for  
sufficient light. Without ledges, or  
ledges to be sloped down to prevent collecting  
of water and dirt. Windows to be covered  
on outside with a heavy gauge screen to  
prevent break in.

CEILING- 2" X 4"

Insulated-S.M. Styrofoam  
Plywood-lined with CRYSTA PLEX

ROOF

Gable  
2" X 4" construction  
Insulated  
Plywood-covered with rolled roofing  
Gable ends vented

ICE BIN-6' X 4' X 4'

Plywood painted

RECOMMEND

Portable gas pump plus required hoses and nozzle-for wash down.

NOTE

1. Styrofoam S.M. insulation is recommended as it is waterproof-particularly for the walls. Fibreglass could be used in the roof and ceiling.
2. The Crysta Plex-Plastic siding (or something similar) is recommended to cover the inside working surface as it reduces maintenance and stands up to wear and tear.

Available in:

A. Roll - Glass Board and Low Smoke and Fire - X

OR

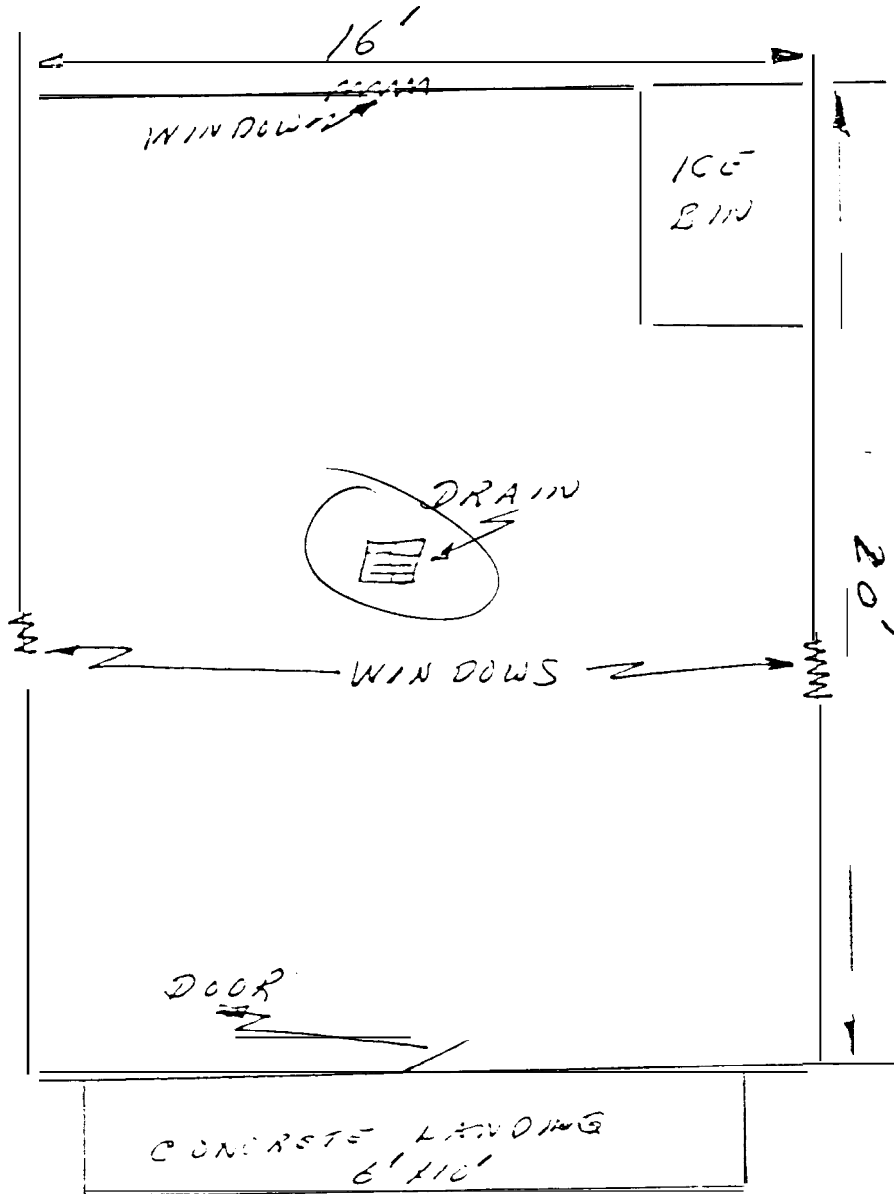
B. Wall and Ceiling Panels - Glass Board BES 385P

FROM:

CRYSTA PLEX PLASTIC LTD.  
1825 DUNDAS EAST  
MISSISSAUGA, ONTARIO



ICE / FISH HOLDING SHED  
MARINA LANE COTTAGE





Government  
of Canada

Gouvernement  
du Canada

Fisheries  
and Oceans

Pêches  
et Océans

Your file / Votre référence

Our file / Notre référence

Inspection and Field Services  
Box 1008  
Hay River, N. W.T.  
XOE ORO

Sept 16, 1987

Eileen Angiers  
Economic Development Office  
Dept. of Economic Development and Tourism  
Government of N.W.T.  
Box 1366  
Hay River, N.W.T.  
XOE ORO



Dear Eileen,

RE: FISH HOLDING/ICE HOLDING FACILITIES KAKISA LAKE FISHERMEN

I have met with the Kakisa Lake fishermen, and Evelyn Krutko and Gene Hachev regarding the above noted on several occasions.

The Kakisa Lake fishermen have a very definite need for the facilities they are requesting.

Much of the spring pickerel fishing is done at the mouth of the Kakisa River running into Kakisa Lake. During windy or stormy weather, the fishermen are often unable to come across the lake with their catch, or, to haul ice out to the fishing site. As a result the fish quality cannot be maintained, because of a lack of an adequate ice supply, and storage facility, and the Dept. of Fisheries and Oceans has the product rejected for quality. This has been a regular occurrence over the last number of seasons, at a considerable monetary loss to the fishermen.

The combination ice house, holding shed would give the fishermen a dependable ice supply and a place to store the fish, even for several days, if required.

The fish holding shed identified for the Kakisa Lake settlement is also a requirement as it is part of the fishery. Ice brought out from Hay River is stored here. The fish brought in from Kakisa Lake is held here prior to shipment to Hay River. It is also re-iced here prior to shipping. A well insulated, properly constructed building

.... 2/

would help in maintaining the quality of the product, in preserving  
the ice and in running a sanitary operation.

Yours sincerely,



Pat Bobinski  
Officer in Charge

cc: Sarah Chico  
G. Parrott  
E. Krutko



PB/jk

→ rebar → 6"

- concrete floor → sanitation  
→ under slabs
- approx 11 gentlemen on lake. - Pierrel  
46,000 lbs for Kakis  
60,000 lbs for Tahiti
- well controlled quality → closed lake only for residents of Nabua.

- Estimate for working  
- lower price -  
- from newspaper

- presence of stones - soil of fresh water lake.

- storage of settlement in the early to the end of the 19th C.  
- see storage of both locations

- houses show signs of the 19th century

Year	87	2-5000 lbs
	86	4-5000 lbs

- mountain quality resources fresh water for product.

Background

- summer 2004

15-20 yrs

commenced

listed

last 6-8 yrs - late onset  
Africa residents only

- contribution - probably 1/2 of

- in epilepsy & maintenance  
to be responsibility of  
system

- regulated and supported  
by D.H.O.

ICE/FISH HOLDING SHED

KAKI SA LAKE SETTLEMENT

SIZE - 16' X 20'  
ROOMS - 1  
WALLS - GABLE  
HEIGHT - 8'

CON STRUCT 10N

FLOOR

Concrete  
Floor/wall joints to be coved  
Drain-screened-leading to a field or sump  
Concrete landing-6' X 10' at front **door**

WALLS - 2" X 6"

Plywood-inside and out  
Vapour barrier  
Outside-painted  
Inside-" lined with CRYSTA PLEX  
Insulation-recommend Styrofoam S.M.  
Windows as per attached-require large enough for  
sufficient light. "Without ledges, -or  
ledges to be sloped down to prevent collecting  
of water and dirt. Windows to be covered  
on outside with a heavy gauge screen to  
prevent break in.

CEILING- 2" X 4"

Insulated-S.M. Styrofoam  
Plywood-lined with CRYSTA PLEX

ROOF

Gable  
2" X 4" construction  
Insulated  
Plywood-covered with rolled roofing  
Gable ends vented

ICE BIN-8' X 4' X 4'  
Plywood painted

?

RECOMMEND

Portable gas pump plus required hoses and nozzle-for wash down.

NOTE

1. Styrofoam S.M. insulation is recommended as it is waterproof-particularly for the walls. Fibreglass could be used in the roof and ceiling.
2. The Crysta Plex-Plastic siding (or something similar) is recommended to cover the inside working surface as it reduces maintenance and stands up to wear and tear.

Available in:

A. Roll - Glass Board and Low Smoke and Fire - X

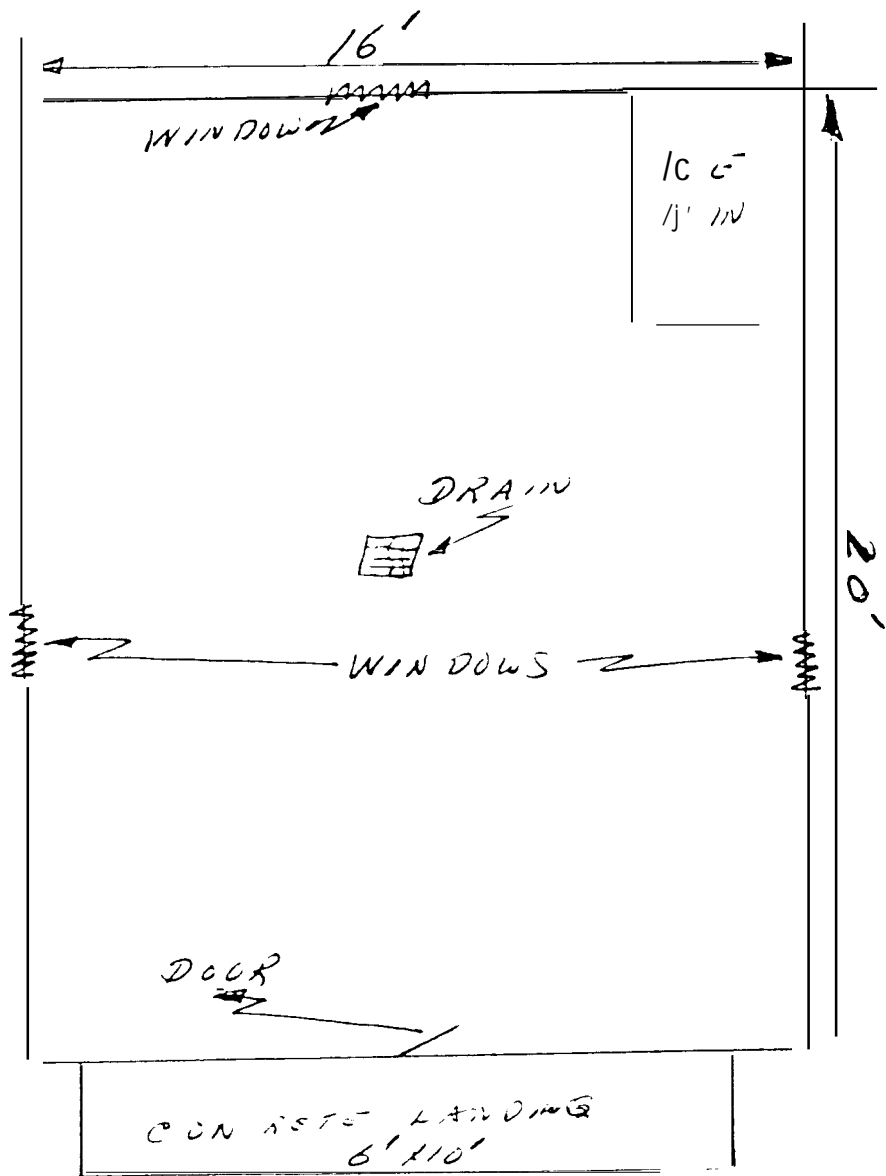
OR

B. Wall and Ceiling Panels - Glass Board BES 385P

FROM:

CRYSTA PLEX PLASTIC LTD.  
1825 DUNDAS EAST  
MISSISSAUGA, ONTARIO

ICE / FISH HOLDING SHED  
KAKISA LAKE SETTLEMENT





ICE HOUSE / HOLDING SHED  
KAKISA RIVER (KAKISA LAKE)

*(mouth of Kakisa River)*

SIZE - 20' X 24'  
ROOMS - 2 (20' X 12')  
1 - ICE STORAGE  
1 - FISH ICING AND HOLDING  
HEIGHT - 8'  
ROOF - GABLE

CONSTRUCTION

WALLS - 2" X 6"  
Plywood inside and out  
Vapour barrier  
Outside-painted  
Inside-lined with CRYSTA PLEX  
insulation-recommend Styrofoam S.M.  
Windows-as per attached- require large enough for  
sufficient light. Without ledges, or ledges  
to be sloped down to prevent collecting of  
water and dirt. Covered on outside with  
heavy gauge screen.

CEILING-2" X 4"  
Insulated-S.M. Styrofoam  
Plywood-lined with CRYSTA PLEX

ROOF  
Gable roof  
2" X 4" construction  
Insulated  
Plywood-covered with rolled roofing  
Gable ends vented

FLOOR  
Concrete  
Wall/floor joints to be covered  
Drain-screened- leading to a sump or field  
Concrete landing 6' X 12' -in front of building

RECOMMEND

1. Portable ice bin inside of holding room for ice shaving.  
Size-3' X 5' X 2'(high)  
Walls-3/4" plywood or planking  
Floor-planking-with drain holes-unpainted

11. Small portable gas pump for wash down plus required hose and nozzle

NOTE

1. Styrofoam S.M. insulation is recommended as it is waterproof-particularly for the walls. Fibreglass could be used in the roof and ceiling.
2. The Crysta Plex-Plastic siding (or something similar) is recommended to cover the inside working surface as it reduces maintenance and stands up to wear and tear.

Available in:

A. Roll - Glass Board and Low Smoke and Fire-X

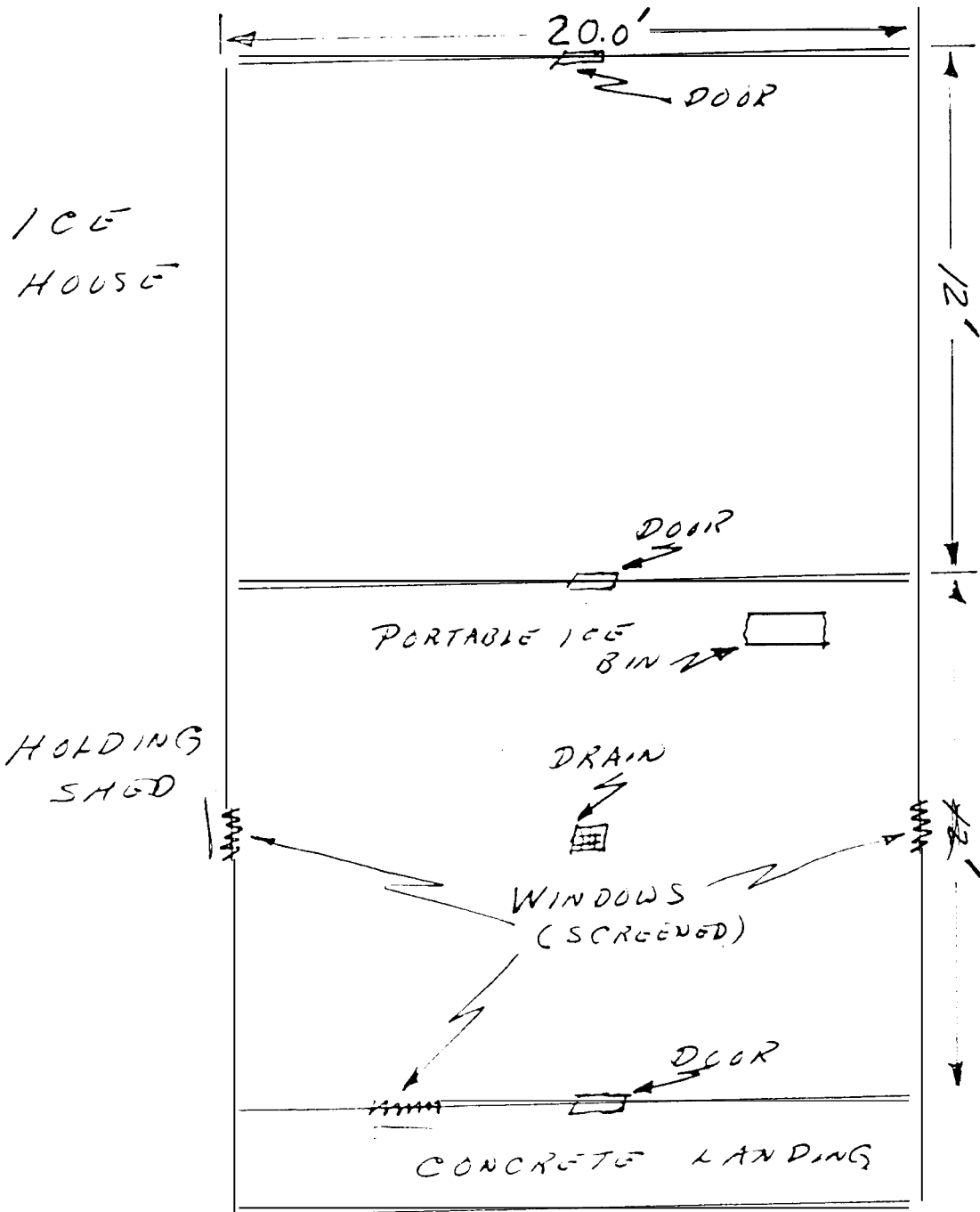
OR

B. Wall and Ceiling Panels - Glass Board BES 385p

FROM:

CRYSTA PLEX PLASTIC LTD.  
1825 DUNDAS EAST  
MISSISSAUGA, ONTARIO

ICE HOUSE / HOLDING SHED  
KAKISA RIVER / KAKISA LAKE



16 October 1987

AREA ECONOMIC DEVELOPMENT OFFICER,  
DEPARTMENT OF ECONOMIC DEVELOPMENT  
AND TOURISM,  
GOVERNMENT OF THE N. W. T.,  
HAY RIVER, N.W.T. XOE 0R0

Attention: Eileen Angiers



Ice House/Holding Shed - Kakisa Lake

Thank you for the outline of the proposed building to be constructed at Kakisa Lake.

The following are ball park estimates gathered for your convenience:

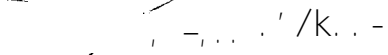
Ice House/Holding Shed	-----	\$ 40,000.00
Labour hours	-----	\$ 360.00
<b>Ice/Fish Holding Shed</b>	-----	<b>\$ 25,000.00</b>
<b>Labour hours</b>	-----	<b>\$20.00</b>

Included in the estimate are items based on the design, construction methods and materials as suggested by Economic Development and Tourism to Public Works and Highways.

Allowances have been made for transport of materials to Kakisa, transport of material and labour by boat to Kakisa Lake (max. 10 miles), accommodation expenses, contractor's profit and overhead, administration and related expenses.

We trust this estimate will satisfy your requirements.

Please contact Dan Parkin on 872-7304 if you wish additional information.

  
-5\$, LEVESQUE, P. Eng.,  
Assistant Regional Superintendent.

Need.

Glas bed fastener and stripping.

100 Bag Cement

Dow nails

Paint + Sealers

Need Poly for lake shed. Only on Roll on hand.

20 24

$$\begin{array}{r} 24 \\ 95 \\ \hline 280 \end{array}$$

$$\begin{array}{r} 20 \\ 8 \\ \hline 1760 \\ 2 \\ \hline 320 \end{array}$$

$$\begin{array}{r} 192 \\ 8 \\ \hline 192 \\ 1 \\ \hline 584 \\ 600 \\ \hline 12 \end{array}$$

52

$$\begin{array}{r} 104 \\ 10 \\ \hline 480 \end{array}$$



# SETTLEMENT OF KAKISA LAKE

GENERAL DELIVERY KAKISALAKE, N.W.T. XOE ORO

March 2, 1988.

*for Margaret (1988)*

Economic Development Officer,  
Govt. N.W.T.,  
Box 1366,  
Hay River, N.W.T.  
XOE ORO

Attention: Eileen Angiers,

In response to your memo dated January 29, 1988, re; Kakisa Lake Proposed Proposal to built Ice House/Fish Shed. The Kakisa Lake Band is supportive and are in favour of the Proposal. A proper building to store fish during the Commercial Fishing Season is badly needed in Kakisa. The local Fishermen are willing to do all the labour work.

THE Band understand that your Department will be responsible for funding to purchase the construction material. Please advise the Band, when the material will be ready for pick-up.

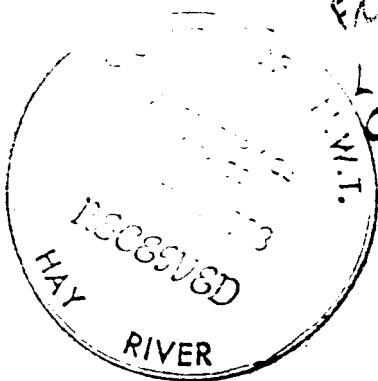
If you require additional information phone 699-9949

*EP pumps check -  
Flow Drains check -  
Locks  
Cement  
Nails - 2  
check 753000*

Thank you;

*Marg. Leishman*

Margaret Leishman  
Sub-Chief



*11 men man lake  
Enough work*



# SETTLEMENT OF KAKISA LAKE

GENERAL DELIVERY .KAKISA LAKE, N W T XOE ORO

March 2, 1988.

Economic Developm  
Govt. N.W.T.,  
Box 1366,  
Hay River, N.W.T.  
XOE ORO

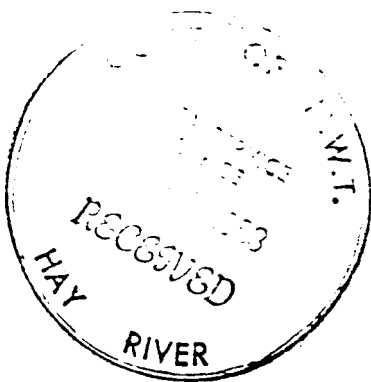
*will copy*

Attention; Eileen

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Thank you;

*Marg. Leishman*

Margaret Leishman  
Sub-Chief