

ROYAL BURGH OF DORNOCH.

SPECIFICATION

FOR

Repairing of Roads & Streets

£66

Dornoch Town Council - 1953

Dornoch.
4th March, 1953.

E. W. Brannen, Esq.,
Burgh Surveyor.

11-11-1931 (copy)

Retain fee of £25

but not credit 5% of work charged

ROYAL BURGH OF DORNOCH.

SPECIFICATION for Repairing and Reconstruction of the following road - Road to Beach, At Golf Club House, Castle Close, Eaglefield Road, Roseberry Avenue, Sutherland Road, Ferry Road, St. Gilbert Street, Close off former, North Street, Road to Slaughter House, Meadows Road, Games Park Road, Church Street, Croc an Lobht for Dornoch Town Council.
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2 (Stone Road)

The Council retain the right to delete one or more of the above roads, if it is found necessary.

The Contractor will provide all materials and perform all cartages and carriages necessary for the thorough completion of the whole works. All materials to be of the best quality of their respective kinds and all workmanship to be executed in a thoroughly workmanship-like manner to the entire satisfaction of the Dornoch Town Council and their Surveyor, and to be handed over in a complete state to the Employers by a date to be agreed upon. The Contractor will provide and manipulate all the necessary plant, viz. steam roller, tar boilers, horses, water carts, brushes, etc. coal and oil, and all necessary labour, skilled and unskilled, that may be required.

The schedule lodged by the contractor will be held to include all charges necessary for the thorough completion of the works, and no claims for extras will afterwards be entertained on the ground of misconception regarding specification of works to be executed. It must be properly rated, summed, attested, and extended, the contractor being held entirely responsible for any error that may occur in same. The whole works to be commenced immediately on acceptance of offer and to be pursued continuously to completion, the time limit for completion being mutually agreed upon by the Contractor and the Employers before his offer is officially accepted.

The work to be commenced at the one end of each section and to be extended in one continuous coating towards the other end, no carting over work which has been newly done will be permitted.

Sealed Offers "marked Tender - Roads" to be lodged with D. Mackay, Esq., Town Clerk, Dornoch, to arrive not later than Wednesday 11th March, 1953.

The lowest or any of the tenders may not be accepted.

Note:- Where local labour is available, the contractor must employ same.

Where metal is to be applied, it will be carted and spread over the roadway by experienced workmen, carefully regulated to the proper thickness and convexity over the whole surface at an average depth of 3" with a cross fall of 1/3" inch to the foot, the whole metal being turned over in the process of spreading. It shall be rolled with a steam roller not exceeding 10 tons in weight.

Where bituminous tar is to be applied, it shall be heated to from 220 to 240 degrees Fahrenheit in a boiler of approved make and applied at the rate of 1 gallon to 4 square yards.

The chips /

The chips to be used must be clean and cubical and prepared from good stone of suitable quality, broken to 132" gauge, and to pass through a $\frac{3}{4}$ " screen free from dust and all other material of less size than $\frac{1}{2}$ ". The whole area to be rolled until a smooth and even surface is obtained. No tar shall be applied while the road is wet or damp. Any soft part to be properly boxed with hard and sound stones of suitable size, and all ridges to be properly levelled off. All ruts, depressions, or pot holes in the existing carriageway to be made up with metal and rolled before the surfacing coat is applied, and the entire area to be swept clean and free from dust before any metalling is done. Thereafter, when the tar is still hot, the chips specified to be spread at the rate of 80 square yards to the cubic yard. All defective kerbing will be repaired or renewed if necessary and to be properly relaid. All patching work must be carried out before the road is sprayed. A note of all materials delivered for the work to be forwarded to the Surveyor immediately they arrive.

The contractor will, by tendering, be held to have fully satisfied himself as to the nature and extent of the works to be performed, and shall indemnify and keep indemnified the Town Council against all actions, costs, suits, claims, demands and expenses arising out of or in connection with the carrying out of the works. He shall not sublet or enter into any subcontract for the carrying out of the works, or any part of them, without the consent in writing of the Burgh Surveyor.

It must be noted that the road shall be swept clean and bare with wire brushes hard and soft from all mud and dust before surfacing is commenced.

Contractor to observe the provisions of Fair Wages Clause, and to keep proper wages and time books showing the wages paid and the hours worked by the people in his employ in or about the execution of his contract. Such wages books and time sheets to be produced on demand for inspection by the authorised officer of the Town Council.

On the Surveyor, whose decision in such matters will be final, condemning any material or work as not being of proper quality, the contractor shall immediately remove such material from the site or break up such work as the case may be, and the contractor shall not be responsible for any payment in respect of same, but shall replace and make good such materials or works with proper materials and workmanship.

Should the work or conduct of the contractor be found unsatisfactory in any way, the Council may expel the contractor from the site and may themselves complete the works and may use the plant and materials upon the site for the completion of the works, or they may employ other contractors to complete the works. If the cost of the completion together with the sum which may have already been paid to the contractor, total more than the contract price, the balance will be a debt due by the contractor to the Council.

The work shall be commenced within seven days of the date on which the contractor is notified that his offer has been accepted, and to be entirely completed by the date to be agreed upon. A penalty of twenty shillings per day for every day beyond the date agreed upon for delay of completion during which the works remain unfinished.

The works may be extended or diminished without affecting the validity of the contract.

The contractor to allow 3% Engineering Fee on all items in the following schedules, to be paid on receiving first instalment.

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ROYAL BURGH OF BORNOCH.

Repairs to Roads

Description		Rate	Amount		
<u>Road - Golf Club House to Beach</u>					
Trim road sides and remove grass from centre	550 lin.yds	1/-	27	10	0
Regulate tracks to shape with broken stone well blinded	740 sq.yds.	4/6	166	10	0
Supply and lay 1½" bituminous macadam 2" deep sealed with bituminous dust	1400 sq.yds	6/6	455	0	0
Allow 3% Engineer's Fee for preparing specification and supervision	3%		19	9	5
			£	668	9 5

At Golf Club House

Shape with bituminous regulating and supply and lay 1" coat of 1½" down bitumin down bituminous macadam	500 sq.yds	4/-	100	0	0
Allow 3% Engineer's Fee for preparing specification and supervision	3%		3	0	0
			£	103	0 0

Alternatively

Remove depressions where necessary by application of tar and chippings and spray area with tar at rate of 5 sq.yds. per gallon and apply ½" clean chippings at 80/90 sq.yds. per tone and roll in	500 sq.yds	2/3	56	5	
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Castle Close

Reduce level at sides, form key and remove surplus material	200 sq.yds	1/3	12	10	0
Supply and lay bituminous regulating where necessary.	20 tons	52/6	52	10	0
Supply and lay 1½" bituminous macadam 2" deep sealed with treated bituminous dust	600 sq.yds	6/6	195	0	0
Allow 3% Engineer's Fee for preparing specification and supervision			7	16	0
			£	267	16 0

		Rate	Amount		
<u>Eaglesfield Road</u>					
Supply and lay bituminous regulating where necessary	10 tons	52/6	26	5	0
Supply and lay 1½" bituminousemacadam 2" deep sealed with treated bituminous dust	600 sq.yds.	6/6	195	0	0
Allow 3% Engineer's Fee for preparing specification and supervision	3%		6	12	9
		£	227	17	9
<u>Roseberry Avenue</u>					
Remove weeds and soft material and supply and lay 3" coat of broken stone, blind and roll in	180 sq.yds	5/-	45	0	0
Supply and lay crusher fines to pavement	10 tons	22/-	11	0	0
Supply and lay hardfilling to sides blinded with crusher fines	15 tons	30/-	22	10	0
Supply and lay 1½" bituminous macadam 2" deep and seal with treated bituminous fines	360 sq.yds	6/6	117	0	0
Allow 3% Engineer's Fee for preparing specification and supervision	3%		5	17	3
		£	201	7	3
<u>Sutherland Road</u>					
Thoroughly sweep, patch potholes with metal or chippings well grouted with hot tar, remove depressions by applying tar and chippings and subsequently spray over whole area with hot tar applied at the rate of 4 sq.yds. per gallon and apply ½" clean chippings at the rate of 80/90 sq.yds. per ton and roll in	750 sq.yds.	2/3	84	7	6
Allow 3% Engineer's Fee for preparing specification and supervision	3%		2	10	7
		£	86	18	1
<u>Ferry Road</u>					
Allow for patching with bituminous madadam	20 tons	65/-	65	0	0
As above item but with more extensive patching	6000 sq.yds.	2/9	825	0	0
Allow 3% Engineer's Fee for preparing specification and supervision	3%		26	14	0
		£	916	14	0

		<u>Rate</u>	<u>Amount</u>		
<u>St. Gilbert Street</u>					
Supply and lay $\frac{3}{4}$ " bituminous regulating where necessary	15 tons	65/-	48	15	0
Supply and lay 1" coat of $\frac{3}{4}$ " down bituminous macadam sealed with bituminous fines	1300 sq.yds	5/-	325	0	0
Allow 3% Engineer's Fee for preparing specification and supervision	3%		11	4	3
			<hr/>		
		£	384	19	3

Close off Gilbert Street

Pick and shape and prepared for surfacing	SUM		2	10	0
Supply and lay 1" coat of $\frac{3}{4}$ " down bituminous macadam	160 sq.yds	5/-	40	0	0
Allow 3% Engineer's Fee for preparing specification and supervision	3%		1	5	6
			<hr/>		
			£	43	15 6

North Street

Supply and lay bituminous regulating where necessary	10 tons	52/6	26	5	0
Supply and lay 1 $\frac{1}{2}$ " bituminous macadam 2" deep sealed with bituminous fines	500 sq.yds	6/6	162	10	0
Allow 3% Engineer's Fee for preparing specification and supervision	3%		5	13	3
			<hr/>		
			£	194	8 3

Road to Slaughter House From Castle Street

Supply and lay bituminous regulating where necessary	20 tons	52/6	52	10	0
Supply and lay 1 $\frac{1}{2}$ " bituminous macadam 2" deep sealed with treated bituminous dust	1050 sq.yds	6/6	341	5	0
Allow 3% Engineer's Fee for preparing specification and supervision	3%		11	16	3
			<hr/>		
			£	405	11 3

		Rate	Amount		
<u>Meadows Road</u>					
Supply and lay bituminous regulating where necessary	6 tons	52/6	15	15	0
Supply and lay 1½" bituminous macadam 2" deep sealed with treated bituminous	880 sq.yds	6/6	286	0	0
Allow 3% Engineer's Fee for preparing specification and supervision	3%		9	1	1
(To be extended whole length - 2/3 more - add £621:12:2d)		£	310	16	1
			621	12	2
			932	8	3
<u>Games Park Road</u>					
Supply and lay bituminous regulating where necessary	12 tons	52/6	31	10	0
Supply and lay 1½" bituminous macadam 2" deep sealed with treated bituminous dust	600 sq.yds	6/6	195	0	0
Additional item for cutting and laying sods banked with earth at both sides of Games Park Road and road to Slaughter House the width is being reduced	640 lin.yds	4/-	128	0	0
Allow 3% Engineer's Fee for preparing specification and supervision	3%		10	12	8
		£	365	2	8
<u>Church Street</u>					
Thoroughly sweep, patch potholes with metal or chippings well grouted with hot tar, remove depressions by applying tar and chippings and subsequently spray over whole area with hot tar applied at the rate of 4 sq.yds per gallon and apply ½" clean chippings at the rate of 80/90 sq. yds. per ton rolled in	1780 sq.yds	2/3	200	5	0
Allow 3% Engineer's Fee for preparing specification and supervision	3%		6	0	2
		£	206	5	2
<u>Croc an Lobht</u>					
Remove depressions, where necessary by applying tar and chippings and spray area with tar at the rate of 4 sq.yds. per gallon, apply ½" chippings at 80/90 sq.yds. per ton and roll in	2970 sq.yds	2/3	334	2	6
Bottoming and metal for part opposite Burghfield Hotel	SUM		128	15	0
Allow 3% Engineer's Fee for preparing specification and supervision	SUM		13	17	9
		£	476	15	3

S U M M A R Y

Golf Road to Beach	668	9	5
Golf Club House	103	0	0
Castle Close	267	16	0
Eaglesfield Road	227	17	9
Roseberry Avenue	201	7	3
Dutherland Road	86	18	1
Ferry Road	916	14	0
St. Gilbert Street	384	19	3
Close off St. Gilbert Street	43	15	6
North Street	194	8	3
Castle Street to Slaughterhouse.	405	11	3
Meadows Road	310	16	1
Games Park Road	365	2	8
Church Street	206	5	2
Croc an Lobht	476	15	3
	4859	15	11
Allow for tobise and Manholes	35	0	0
Allow for Insurances	50	0	0
Allow for Plant to Site	50	0	0
	4994	15	11
Allow for contingencies	200	0	0
	5194	15	11d
	621	12	2
	5816	8	1
	310	16	1
	4883	19	10

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