



FAITHFUL PERFORMANCE BOND
CITY OF MENIFEE, STATE OF CALIFORNIA
(Government Code Section 66499.1)

FOR: Streets and Drainage	\$	<u>559,500.00</u>	Tract Map	<u>TR29835-4</u>
Riv. Co. Flood Control	\$	<u> </u>	Other Proj. Ref.	<u>IP20-014</u>
Water System	\$	<u> </u>	Bond No.	<u>024254364</u>
Rec. Water	\$	<u> </u>	Premium	<u>\$ 3,357.00</u>
Sewer System	\$	<u> </u>		
Total	\$	<u>559,500.00</u>		

Surety <u>Liberty Mutual Insurance Company</u>	Principal <u>KB Home Coastal, Inc.</u>
Address <u>175 Berkeley Street</u>	Address <u>36310 Inland Valley Drive</u>
City/State <u>Boston, MA</u>	City/State <u>Wildomar, CA</u>
Zip code <u>02116</u>	Zip <u>92595</u>
Phone <u>(617) 357-9500</u>	Phone <u>(951) 691-5300</u>

WHEREAS, the City Council of the City of Menifee, State of California, and KB Home Coastal, Inc. (hereinafter designated as "principal") have entered into, or are about to enter into, the attached agreement(s) whereby principal agrees to install and complete the above designated public improvements relating to TR29835-4, IP20-014, which agreement(s), dated _____, is/are hereby referred to and made a part hereof; and,

WHEREAS, said principal is required under the terms of said agreement(s) to furnish bond(s) for the faithful performance of said agreement(s);

NOW, THEREFORE, we the principal and Liberty Mutual Insurance Company, as surety, are held and firmly bound unto the City of Menifee in the penal sum of Five Hundred Fifty Nine Thousand, Five Hundred and no/100, Dollars, (\$ 559,500.00) lawful money of the United States, for the payment of which sum will and truly be made, we bind ourselves, our heirs, successors, executors and administrators, jointly and severally, firmly by these presents.

The condition of this obligation is such that if the above bonded principal, his or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and provisions in the said agreement(s) and any alteration thereof made as therein provided, on his or their part, to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless the City of Menifee, its officers, agents and employees, as therein stipulated, then this obligation shall become null and void; otherwise, it shall remain in full force and effect.

As a part of the obligation secured hereby and in addition to the face amount specified therefore, there shall be included costs and reasonable expenses and fees, including reasonable attorney's fees, incurred by the City of Menifee in successfully enforcing such obligation, all to be taxed as costs and included in any judgment rendered.

FAITHFUL PERFORMANCE BOND



The surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the agreement(s) or to the work to be performed there under or the specifications accompanying the same shall in anywise affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the agreement(s) or to the work or to the specifications..

Surety further stipulates and agrees that the provisions of Section 2845 of the Civil Code and commencement of construction are not conditions precedent to surety's obligations hereunder and are hereby waived by surety.

When the work covered by the agreement(s) is complete, the City of Menifee will accept the work and thereupon, the amount of the obligation of this bond is reduced by 90% with the remaining 10% held as security for the one-year maintenance period provided for in the agreement(s).

IN WITNESS WHEREOF, this instrument has been duly executed by the principal and surety above named, on July 27, 2021

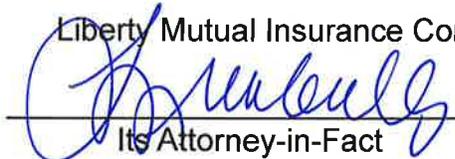
NAME OF PRINCIPAL: KB Home Coastal, Inc.

AUTHORIZED SIGNATURE(S):

By: 
Name: **Scott Hansen**
Title: **Vice President, Forward Planning**

(IF CORPORATION, AFFIX SEAL)

NAME OF SURETY: Liberty Mutual Insurance Company

AUTHORIZED SIGNATURE:  Brenda Wong, Attorney-in-Fact
Its Attorney-in-Fact Title

(IF CORPORATION, AFFIX SEAL)

ATTACH NOTARIAL ACKNOWLEDGMENT OF SIGNATURES OF PRINCIPAL AND ATTORNEY-IN-FACT.

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

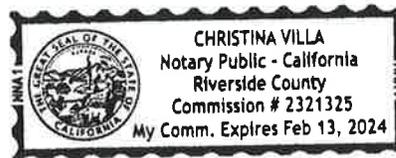
STATE OF California)SS
COUNTY OF Riverside)

On July 29, 2021, before me, Christina Villa, Notary Public, personally appeared Scott Hansen, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

My Commission Expires: February 13, 2024 This area for official notarial seal

Notary Name: Christina Villa Notary Phone: (951) 691-5300
Notary Registration Number: 2321325 County of Principal Place of
Business: Riverside

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT CIVIL CODE §1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Los Angeles

On JUL 27 2021 before me, M.Gonzales, Notary Public, personally appeared Brenda Wong who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~-subscribed to the within instrument and acknowledged to me that ~~he~~/she/~~they~~ executed the same in ~~his~~/her/~~their~~ authorized capacity(ies), and that by ~~his~~/her/~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

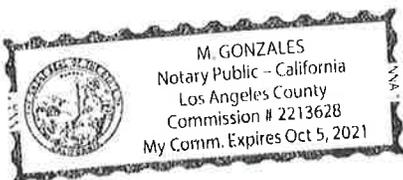
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(seal)

Signature

M. Gonzales
M.Gonzales, Notary Public





This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: 8204866

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint,

Brenda Wong

all of the city of Los Angeles, state of California each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 15th day of February, 2021.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company



By: David M. Carey
David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 15th day of February, 2021, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



Commonwealth of Pennsylvania - Notary Seal
Teresa Pastella, Notary Public
Montgomery County
My commission expires March 28, 2025
Commission number 1126044
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS: Section 12. Power of Attorney.

Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, of Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company do hereby certify that this power of attorney executed by said Companies is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 27th day of July, 2021.



By: Renee C. Llewellyn
Renee C. Llewellyn, Assistant Secretary

For bond and/or Power of Attorney (POA) verification inquiries, please call 610-832-8240 or email HOSUR@libertymutual.com.



MATERIAL AND LABOR BOND
CITY OF MENIFEE, STATE OF CALIFORNIA
 (Government Code Section 66499.2)

FOR: Streets and Drainage \$ 279,750.00
 Water System \$ _____
 Sewer System \$ _____

Tract/Parcel Map TR29835-4, IP20-014
 Bond No. 024254364
 Premium \$ Included in Performance Bond

Surety Liberty Mutual Insurance Company
 Address 175 Berkeley Street
 City/State Boston, MA
 Zip code 02116
 Phone (617) 357-9500

Principal KB Home Coastal, Inc.
 Address 36310 Inland Valley Drive
 City/State Wildomar, CA
 Zip 92595
 Phone (951) 691-5300

WHEREAS, the City Council of the City of Menifee, State of California, and KB Home Coastal, Inc., (hereinafter designated as "principal") have entered into, or are about to enter into, the attached agreement(s) whereby principal agrees to install and complete the above designated public improvements relating to TR29835-4, IP20-014 , which agreement(s), dated _____, is/are hereby referred to and made a part hereof; and,

WHEREAS, under the terms of said agreement(s), principal is required, before entering upon the performance of the work, to file a good and sufficient payment bond with the City of Menifee to secure the claims to which reference is made in Title 3 (commencing with Section 9000) of Part 6 of Division 4 of the Civil Code of the State of California;

NOW, THEREFORE, said principal and the undersigned, as corporate surety, are firmly bound unto the City of Menifee and all contractors, subcontractors, laborers, material suppliers, and other persons employed in the performance of the agreement(s) and referred to Title 3 (commencing with Section 9000) of Part 6 of Division 4 of the Civil Code in the sum of Two Hundred Seventy Nine Thousand, Seven Hundred Fifty and no/100 Dollars, (\$279,750.00) for materials furnished or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to such work or labor, that said surety will pay the same in an amount not exceeding the amount hereinabove set forth, and also in case suit is brought upon this bond, will pay, in addition to the face amount thereof, costs and reasonable expenses and fees, including reasonable attorney's fees, incurred by the City of Menifee in successfully enforcing such obligation, to be awarded and fixed by the court, and to be taxed as costs and to be included in the judgment therein rendered.

It is hereby expressly stipulated and agreed upon that this bond shall inure to the benefit of any and all persons, companies and corporations entitled to file claims under Title 3 (commencing with Section 9000) of Part 6 of Division 4 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Should the condition of this bond be fully performed, then this obligation shall become null and void; otherwise, it shall be and remain in full force and effect.

MATERIAL AND LABOR BOND

The surety hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the agreement(s) or to the specifications accompanying the same shall in anywise affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration, or addition.

Surety further stipulates and agrees that the provisions of Section 2845 of the Civil Code are not a condition precedent to surety's obligations hereunder and are hereby waived by surety.

IN WITNESS WHEREOF, this instrument has been duly executed by the principal and surety above named, on July 27, 2021.

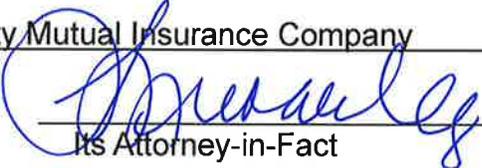
NAME OF PRINCIPAL: KB Home Coastal, Inc.

AUTHORIZED SIGNATURE(S):

By: 
Name: **Scott Hansen**
Title: **Vice President, Forward Planning**

(IF CORPORATION, AFFIX SEAL)

NAME OF SURETY: Liberty Mutual Insurance Company

AUTHORIZED SIGNATURE:  Brenda Wong, Attorney-in-Fact
Its Attorney-in-Fact Title

(IF CORPORATION, AFFIX SEAL)

ATTACH NOTARIAL ACKNOWLEDGMENT OF SIGNATURES OF PRINCIPAL AND ATTORNEY-IN-FACT.

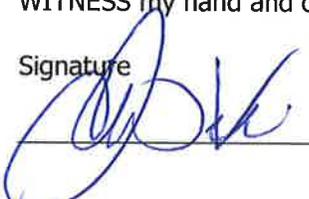
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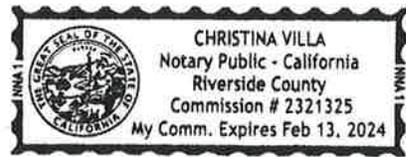
STATE OF California)SS
COUNTY OF Riverside)

On July 29, 2021, before me, Christina Villa, Notary Public, personally appeared Scott Hansen, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature 



My Commission Expires: February 13, 2024 This area for official notarial seal

Notary Name: Christina Villa Notary Phone: (951) 691-5300
Notary Registration Number: 2321325 County of Principal Place of
Business: Riverside

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT CIVIL CODE §1189

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State of California

County of Los Angeles

On JUL 27 2021 before me, M.Gonzales, Notary Public, personally appeared Brenda Wong who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~-subscribed to the within instrument and acknowledged to me that ~~he~~/she/~~they~~ executed the same in ~~his~~/her/~~their~~ authorized capacity(ies), and that by ~~his~~/her/~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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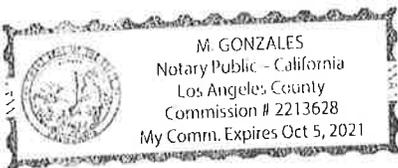
WITNESS my hand and official seal.

(seal)

Signature

M. Gonzales

M.Gonzales, Notary Public





This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: 8204866

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Brenda Wong

all of the city of Los Angeles, state of California each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 15th day of February, 2021.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company



By: David M. Carey

David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 15th day of February, 2021, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



Commonwealth of Pennsylvania - Notary Seal
Teresa Pastella, Notary Public
Montgomery County
My commission expires March 28, 2025
Commission number 1126044
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS: Section 12. Power of Attorney.

Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, of Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company do hereby certify that this power of attorney executed by said Companies is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 27th day of July, 2021.



By: Renee C. Llewellyn

Renee C. Llewellyn, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

For bond and/or Power of Attorney (POA) verification inquiries, please call 610-832-8240 or email HOSUR@libertymutual.com.

CITY OF MENIFEE ENGINEERING DEPARTMENT
 CONSTRUCTION COST WORKSHEET

PARCEL MAP OR TRACT MAP NO. 29835 DATE: 2/26/2021
 IP: 20-014

IMPROVEMENTS	FAITHFUL PERFORMANCE SECURITY (100% of Estimated Construction Costs)	MATERIAL & LABOR SECURITY (**50% of Estimated Construction Costs)
Street/Drainage	\$ 559,319.04	\$ 279,750.00
*Flood Control	\$ 0.00	\$ 0.00
Dom Wtr EMWD	\$ 0.00	\$ 0.00
Rec Wtr EMWD	\$ 0.00	\$ 0.00
Sewer EMWD	\$ 0.00	\$ 0.00
Total	\$ 559,319.04	\$ 279,750.00
Warranty Retention (10%)	\$ 55,950.00	

DESIGN ENGINEER'S CALCULATION OF IMPROVEMENT BONDING COSTS

Construction items and their quantities, as shown on the attached sheets, are accurate for the improvements required to construct the above project and the mathematical extensions, using City's unit costs, are accurate for determining bonding costs

Above amounts do G do not G include additional 20% for recordation prior to having signed plans (Ordinance460, Section 10.3E).

Victor Elia
 Signature

2/26/2021
 Date

Victor Elia, PE
 Name Typed or printed

64803 6/30/2021
 RCE# Exp. Date



Civil Engineer's Stamp

*Flood Control Construction Cost Estimate to be provided by Flood Control District. Provide a copy of Flood Control District letter stating cost estimate.

- *** PLEASE READ INSTRUCTIONS BELOW ***
- Quantities are to be taken from the Improvement Plans. Unit cost are to be as provided on "City of Menifee Improvement Requirement Worksheet."
 - Show Performance Bond Amounts to the nearest \$500.00. Material and Labor Bond Amounts are 50% of Performance Bond Amountss. **100% for Flood Control items.
 - For Construction items not covered by "The City of Menifee Improvement Requirements Worksheet", Design Engineer is to provide his opinion of construction cost and use that cost. If City of Menifee Unit Costs are determined to be too low, in the opinion of the design engineer, the higher costs as provided by the Design Engineer should be used.

CITY OF MENIFEE ENGINEERING DEPARTMENT
IMPROVEMENT REQUIREMENT WORKSHEET
STREET AND DRAINAGE IMPROVEMENTS

ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT
ROADWAY SECTION 1 Area =	63,753	S.F.		
Excavation				
1. Projects with Grading Plan for Roadway Area x 0.50' (hinge point to hinge point)	1,163	C.Y.	\$ 25.00	\$ 29,075.00
2. Projects without a Grading Plan Cut (c) =		C.Y.		
Road area and side slopes to daylight Fill (f) =		C.Y.		
If balance, provide (a.) only, either cut or fill If export, provide (a.)&(b.) a = fill, b = cut - fill If import, provide (a.)&(c), a = cut, c = fill - cut (Unit costs for (a),(b), & (c) are 20% of actual costs to assure that work will be corrected to eliminate hazardous conditions.)				
(a.) Excavate and Fill	-	C.Y.	\$ 0.40	\$ 0.00
(b.) Excavate and Export	-	C.Y.	\$ 1.10	\$ 0.00
(c.) Import and Fill	-	C.Y.	\$ 2.80	\$ 0.00
Asphalt Concrete (144 lbs/cu.ft) Thickness in Feet (0.50' min.) = 0.5	2,296	TON	\$ 90.00	\$ 206,640.00
Agg Base Class II Thickness in Feet = 0.83	1,960	C.Y.	\$ 50.00	\$ 98,000.00
Asphalt Emulsion (Fog Seal/Paint Binder)		Ton	\$ 600.00	\$ 0.00
ROADWAY SECTION 2 Area =		S.F.		
Excavation				
1. Projects with Grading Plan for Roadway Area x 0.50' (hinge point to hinge point)		C.Y.	\$ 25.00	\$ 0.00
2. Projects without a Grading Plan: Cut (c) =		C.Y.		
Road area and side slopes to daylight Fill (f) =		C.Y.		
(a.) Excavate and Fill	-	C.Y.	\$ 0.40	\$ 0.00
(b.) Excavate and Export	-	C.Y.	\$ 1.10	\$ 0.00
(c.) Import and Fill	-	C.Y.	\$ 2.80	\$ 0.00
Asphalt Concrete (144 lbs/cu.ft) Thickness in Feet (0.50' min.) = 0.39	-	TON	\$ 90.00	\$ 0.00
Agg Base Class II Thickness in Feet = 0.5	-	C.Y.	\$ 50.00	\$ 0.00
Asphalt Emulsion (Fog Seal/Paint Binder)	-	Ton	\$ 600.00	\$ 0.00
ROADWAY SECTION 3 Area =		S.F.		
Excavation				
1. Projects with Grading Plan for Roadway Area x 0.50' (hinge point to hinge point)		C.Y.	\$ 25.00	\$ 0.00
2. Projects without a Grading Plan: Cut (c) =		C.Y.		
Road area and side slopes to daylight Fill (f) =		C.Y.		
(a.) Excavate and Fill	-	C.Y.	\$ 0.40	\$ 0.00
(b.) Excavate and Export	-	C.Y.	\$ 1.10	\$ 0.00
(c.) Import and Fill	-	C.Y.	\$ 2.80	\$ 0.00
Asphalt Concrete (144 lbs/cu.ft) Thickness in Feet (0.33' min.) = 0.39	-	TON	\$ 90.00	\$ 0.00
Agg Base Class II Thickness in Feet = 0.5	-	C.Y.	\$ 50.00	\$ 0.00
Asphalt Emulsion (Fog Seal/Paint Binder)	-	Ton	\$ 600.00	\$ 0.00

			\$	\$ 0.00
			\$	\$ 0.00
			\$	\$ 0.00
			\$	\$ 0.00
			\$	\$ 0.00
DRAINAGE				
Concrete Bulkhead		EA.	\$ 200.00	\$ 0.00
Slope Anchors for Pipes		EA.	\$ 300.00	\$ 0.00
Cut Off Wall (Std 2')		C.Y.	\$ 400.00	\$ 0.00
A. C. Overside Drain		EA.	\$ 500.00	\$ 0.00
Under Sidewalk Drain Std 309		EA	\$ 2,000.00	\$ 0.00
Flat Outlet Drainage Structure Std 303		EA	\$ 2,000.00	\$ 0.00
Curb Outlet Drainage Structure Std 308		EA	\$ 2,000.00	\$ 0.00
Terrace Drain & Down Drain		S.F.	\$ 6.50	\$ 0.00
Interceptor Drain		S.F.	\$ 6.50	\$ 0.00
R.C. Box Culvert (2 - 3'X5')		C.Y.	\$ 400.00	\$ 0.00
Concrete Channel		C.Y.	\$ 200.00	\$ 0.00
Rip Rap (1/4 Ton) Method B (1.9 tons /CY)		C.Y.	\$ 80.00	\$ 0.00
Rip Rap (1/2 Ton) Method B		C.Y.	\$ 90.00	\$ 0.00
Rip Rap (1 Ton) Method B		C.Y.	\$ 100.00	\$ 0.00
Rip Rap (2 Ton) Method B		C.Y.	\$ 110.00	\$ 0.00
Grouted Rip Rap (1/4 Ton) Method B		C.Y.	\$ 100.00	\$ 0.00
Grouted Rip Rap (1/2 Ton) Method B		C.Y.	\$ 120.00	\$ 0.00
Grouted Rip Rap (1 Ton) Method B		C.Y.	\$ 130.00	\$ 0.00
Grouted Rip Rap (2 Ton) Method B		C.Y.	\$ 140.00	\$ 0.00
18" R.C.P. round, arch or elliptical		L.F.	\$ 113.00	\$ 0.00
24" R.C.P. round, arch or elliptical	230	L.F.	\$ 132.00	\$ 30,360.00
30" R.C.P. round, arch or elliptical		L.F.	\$ 153.00	\$ 0.00
36" R.C.P. round, arch or elliptical		L.F.	\$ 178.00	\$ 0.00
42" R.C.P. round, arch or elliptical		L.F.	\$ 204.00	\$ 0.00
48" R.C.P. round, arch or elliptical		L.F.	\$ 235.00	\$ 0.00
18" C.S.P. or HDPE N12		L.F.	\$ 40.00	\$ 0.00
24" C.S.P. or HDPE N12		L.F.	\$ 50.00	\$ 0.00
30" C.S.P. or HDPE N12		L.F.	\$ 60.00	\$ 0.00
36" C.S.P. or HDPE N12		L.F.	\$ 70.00	\$ 0.00
42" C.S.P. or HDPE N12	110	L.F.	\$ 80.00	\$ 8,800.00
48" C.S.P. or HDPE N12		L.F.	\$ 100.00	\$ 0.00
Catch Basin W=4'		EA.	\$ 2,500.00	\$ 0.00
Catch Basin W=7'		EA.	\$ 4,000.00	\$ 0.00
Catch Basin W=14'		EA.	\$ 7,500.00	\$ 0.00
Catch Basin W=21'		EA.	\$ 11,000.00	\$ 0.00
Catch Basin W=28'		EA.	\$ 14,500.00	\$ 0.00
CB110	3	EA.	\$ 2,500.00	\$ 7,500.00
Junction Structure No. 1		EA.	\$ 3,500.00	\$ 0.00
Junction Structure No. 2		EA.	\$ 4,500.00	\$ 0.00
Junction Structure No. 6		EA.	\$ 5,000.00	\$ 0.00
Transition Structure No. 1		EA.	\$ 12,500.00	\$ 0.00
Transition Structure No. 2		EA.	\$ 12,500.00	\$ 0.00
Transition Structure No. 3		EA.	\$ 4,500.00	\$ 0.00
Manhole No. 1		EA.	\$ 5,000.00	\$ 0.00
Manhole No. 2		EA.	\$ 6,500.00	\$ 0.00
Manhole No. 3		EA.	\$ 2,700.00	\$ 0.00
Manhole No. 4		EA.	\$ 6,500.00	\$ 0.00
Structural Reinforcement Concrete		C.Y.	\$ 400.00	\$ 0.00
Headwall	1	EA.	\$ 3,500.00	\$ 3,500.00

			\$	\$	0.00
SIGNING, STRIPING AND SIGNALS					
Remove Painted Traffic Stripes and Markings		S.F	\$	2.50	\$ 0.00
4" Painted Solid Stripes		L.F.	\$	0.21	\$ 0.00
4" Painted Solid Stripes (2 Coats)		L.F.	\$	0.30	\$ 0.00
4" Painted Broken Stripes		L.F.	\$	0.16	\$ 0.00
4" Painted Double Solid Stripes		L.F.	\$	0.47	\$ 0.00
6" Painted Bike Lane Stripes		L.F.	\$	0.65	\$ 0.00
8" Painted Channelizing Line		L.F.	\$	0.82	\$ 0.00
12" Painted Crosswalk & Limit Line		L.F.	\$	1.30	\$ 0.00
Painted One-Way, No Passing		L.F.	\$	0.36	\$ 0.00
Painted Two-Way Left Turn Lane		L.F.	\$	0.82	\$ 0.00
Painted Pavement Markings		S.F	\$	2.70	\$ 0.00
Remove Thermoplastic Traffic Stripes and Markings		S.F	\$	2.50	\$ 0.00
4" Thermoplastic Solid Stripes		L.F.	\$	0.52	\$ 0.00
4" Thermoplastic Broken Stripes		L.F.	\$	0.47	\$ 0.00
4" Thermoplastic Double Solid Stripes		L.F.	\$	0.83	\$ 0.00
6" Thermoplastic Bike Lane Stripes		L.F.	\$	0.63	\$ 0.00
8" Thermoplastic Channelizing Line		L.F.	\$	0.78	\$ 0.00
12" Thermoplastic Crosswalk & Limit Line		L.F.	\$	0.97	\$ 0.00
Thermoplastic One-Way, No Passing		L.F.	\$	1.13	\$ 0.00
Thermoplastic Two-Way Left Turn Lane		L.F.	\$	2.83	\$ 0.00
Thermoplastic Pavement Markings		S.F	\$	3.61	\$ 0.00
Marking		S.F.	\$	2.25	\$ 0.00
Thermoplastic Cross Walk and Pavement Marking		S.F.	\$	3.00	\$ 0.00
Remove, Sign, Salvage		EA.	\$	50.00	\$ 0.00
Relocate Roadside Sign		EA.	\$	100.00	\$ 0.00
Street Name Sign		EA.	\$	275.00	\$ 0.00
Install Sign (Strap and Saddle Bracket Method)		EA.	\$	150.00	\$ 0.00
Install Sign (Mast Arm Hanger Method)		EA.	\$	425.00	\$ 0.00
Stop Sign & Post		EA.	\$	250.00	\$ 0.00
Road Sign on existing pole / post (One Post)		EA.	\$	150.00	\$ 0.00
Road Sign on existing pole / post (Two Post)		EA.	\$	300.00	\$ 0.00
Object Marker - Modified Type "F" Delineator		EA.	\$	60.00	\$ 0.00
Delineator (Class 1 Type F)		EA.	\$	40.00	\$ 0.00
Delineator (Class 2)		EA.	\$	45.00	\$ 0.00
Pavement Marker, Reflective		EA.	\$	3.75	\$ 0.00
New Traffic Signal & Lighting (Major Intersection)		LS	\$	250,000.00	\$ 0.00
New Traffic Signal & Lighting (Minor Intersection)		LS	\$	150,000.00	\$ 0.00
Retrofit of Ex. Traffic Signal & Lighting		LS	\$	100,000.00	\$ 0.00
6' Round Signal Loops		EA	\$	450.00	\$ 0.00
Install Pull Box (#5)		EA	\$	400.00	\$ 0.00
Install Pull Box (#6)		EA	\$	500.00	\$ 0.00
2" PVC Interconnect Conduit & Cable		L.F.	\$	25.00	\$ 0.00
3" PVC Interconnect Conduit & Cable		L.F.	\$	30.00	\$ 0.00
3" PVC Conduit & Fiber Optic Cable		L.F.	\$	35.00	\$ 0.00
Signing and Striping	1	LS	\$	10,000.00	\$ 10,000.00
Survey	1	LS	\$	4,000.00	\$ 4,000.00
Design/submittals/review	1	LS	\$	10,000.00	\$ 10,000.00
Mobilization	1	LS	\$	20,000.00	\$ 20,000.00
Traffic Control	-	LS	\$	15,000.00	\$ 0.00
	A.	Subtotal			\$ 436,968.00
	B.	Administrative Contingency (20% x A)			\$ 87,393.60
	C.	CM - Inspection - LC (8%)			\$ 34,957.44
	D.	Streets/Drainage Total (A + B)			\$ 559,319.04